



NETWORK 2020

NETWORK is an annual publication of the Faculty of Architecture 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.

(Cover image): Responsive Kinetics Workshop: Collaboration with Philip Beesley and The Living Architecture systems group (LASG). The workshop centered around strategies for creating substantial constructions while consuming minimal materials, introducing participants to form-language systems; fabrication methods for skin (forming), skeleton (plaiting), and fabric formed casting. February 2020. Photo credit: Tong Yue

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NETWORK 2020
(2019-2020)



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FACULTY REPORTS



Environmental Design Program

Karen Wilson Baptist, PhD

The annual Network report is a reflection on the year previous. However, it is impossible to be situated at this moment in the history of our planet and not consider the paradigm shift we experienced in 2020 due to the emergence of the COVID-19 virus. On March 13, 2020 the nature of teaching and learning at the University of Manitoba experienced a profound paradigm shift. To protect our community and to “slow the spread” of the disease, every class, every studio, lecture, seminar pivoted to remote learning. For a Faculty such as ours where experiential learning through studio and other curriculum modes is paramount, the impact was profound. Educators struggled to learn new modes of teaching, to gain skills in unfamiliar digital environments, and to keep students engaged with their studies when many were frightened and far from home. The effort to shift to a new way of teaching in four days was herculean and involved a tremendous effort from all sectors of the University. Further, as our spare bedrooms, dining room tables, and our basement recreation rooms became cooped as office and teaching spaces, our families adjusted to a new normal – living at work.

“EVEN THE EXISTENCE OF CRISIS DOES NOT BY ITSELF TRANSFORM A PUZZLE INTO A COUNTERINSTANCE.”

– Thomas Kuhn

The collaborative nature of the ED2 studio was a boon to the kind of creative and imaginative evolution of teaching and learning required by the COVID-19 crisis. Deploying innovative tools such as Conceptboard, Zoom and Are.na, the studio shifted to new modes of instruction. The final reviews through Conceptboard allowed students to “visit” each others’ work permitting commentary and enhanced modes of peer learning across the studio groups. Thank you to the studio teaching team of **Mohamad Araj**, **Jae-Sung Chon**, **Katherine Isaac**, **Leanne Muir**, **Alyssa Schwan**, **Kim Wiese** and the teaching assistants who also helped to keep studio culture alive in this novel environment. Thank you as well to **Ryan Coates** who taught in first term and who contributed to on-going conversations regarding remote learning pedagogies.

Equally innovative were those who hold responsibility for instruction in the 3-credit hour lecture courses in our Foundation Year 1 and 2. These essential educators host classes of 60–100 students and keeping large numbers of student engaged and focused in no easy task. Quickly acquiring new skills in WEBEX and UMLearn, **Scott Barham**, **Honore Black**, **Chad Connery**, **Darcy Granove**, **John Harper**, **Katherine Isaac**, **Suchita Khan**, **Dr. Mark Meagher** and **Liv Valmestad** reinvented their methods of seeding the foundation information so crucial to design education. Those teaching the 3-credit courses in ED2 – **Mohamad Araj**, **Michael Butterworth**, **Jae-Sung Chon**, **Leanne Muir**, **Alyssa Schwan** and **Kim Wiese** were also amazing in their teaching innovations. While some named here taught during the “old normal” in first term, all contributed to the adaptations required to shift to online teaching. I

would be remiss if I did not acknowledge the engagement of students, with a particular “shout out” to student leadership who have engaged in conversations and strategy building throughout the spring and summer in order to ensure a strong design culture and community in the fall term and beyond.

Pivoting back to the task at hand, I would like to highlight some 2019 accomplishments of the ED Full time cohort.

Dr. Mohamad Araj was on research study leave for part of 2019. His tenure and promotion to Associate Professor were granted during the same period. Congratulations! In addition to teaching responsibilities in Environmental Design, Dr. Araj presented one of his NSERC research projects on renewable building systems in the International Conference on Innovative Applied Energy in Oxford and a second project on building performance with correlated surface-to-volume ratio in the SBE19 Graz Sustainable Built Environment D-A-Ch, Graz University of Technology in Austria. Additionally, he received the 2019 Mitacs Globalink Research award.

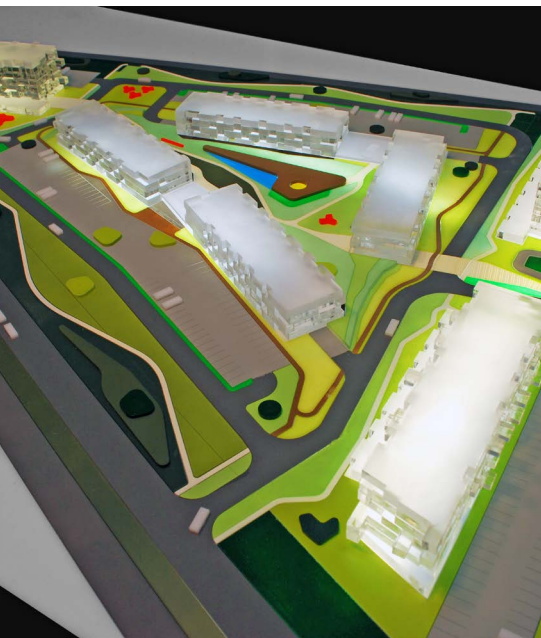
Aside from his regular teaching duties, **Jae-Sung Chon** curated the 2019 Winnipeg Design Festival, involving 15 different local and international programs and attracting over 2000+ local public engagements. His interdisciplinary urban design studio project BLOCK MUTATIONS, with 10 graduate students, was invited to and installed at the 2019 Seoul International Biennale of Architecture and Urbanism, where he delivered a session lecture as well. Jae-Sung also participated as a keynote and a panel during the Pre-Biennale Symposium early in the year along with Peter Wilson and Minsuk Choi. Jae-Sung was invited as an external reviewer at the AZRIELI School of Architecture and Urbanism and served as a jury at the COOL GARDENS, International Design Competition. Internally, he served as the ED2 Studio’s Co-Chair, and as the director of the Arch2 Gallery, he curated and installed a number of

exhibitions including MODEL (recent works of local architects and designers) and BAUHAUS 101 (touring exhibition organized by Embassy of Hungary).

Katherine Isaac continues to champion the work of beginning designers in Environmental Design, and curated a show at the DOT Gallery, showing the SHADE project by Introduction to Environmental Design students (EVDS 1600) at the 2019 Winnipeg Design Festival. She also continues to work closely with emerging interior design professionals, introducing theoretical and practical dimensions of practice through coursework and the Work Experience Program.

Alyssa Schwan’s principle areas of creative work and research explore the intersection between design, heritage conservation, cultural landscapes, and ecological wisdom. Some current work includes: eco-cultural landscape restoration at the Museum of Anthropology (MOA) in Vancouver BC; facilitating participatory policy processes for a tribal government in Northern Canada; a work of public art for the city of Richmond, BC; landscape masterplan for a school in Doddabalapur, Karnataka, India; and a study of landscape heritage of the Mountain Province and Ifugao in the Cordillera Administrative Region, Luzon, Philippines, working in partnership with a local indigenous organization (supported by Alixa Lacerna, student in Environmental Design, Year 4).

In addition to her teaching responsibilities across the Environmental Design and Landscape Architecture programs, **Leanne Muir** continued her external service contributions as Chair of the Canadian Society of Landscape Architects (CSLA) Awards of Excellence program. She has been appointed for a second term to the City of Winnipeg’s Urban Design Advisory Committee and was again an invited juror for Storefront Manitoba and Winnipeg Trails Association’s international BENCHMARK design competition. Leanne Muir has been promoted to Instructor II, effective 30 March 2020.



Kim Wiese completed her sabbatical in July 2019 which included research trips to Japan and Germany. The focus of the Japan trip was to study both ancient techniques of wood construction while simultaneously amalgamating digital fabrication techniques. The opportunity in Germany provided research into a collection of knowledge surrounding the melding of traditional techniques of craft and emerging forms of digital fabrication in furniture fabrication and manufacturing. She also co-instructed the Knotting as a Spatial Practice Studio with Tijen Roshko and Jason Hare that saw the creation of a large-scale installation for bird watching at the St Norbert Arts and Cultural Center Site, the project was published in a book that documented the research, craft and installation of the studio. Kim also served as studio co-chair, with Jae Sung Chon, for EVDS 2500 in the Fall session of 2019.

If you will permit me one further stray into the present rather than the past, I would like to acknowledge a few recent departures. **Allison Bouchard**, who for many years, was a beloved teacher of the History of Art, Design and Culture in the Environmental Design Program passed away in May. Our deepest condolences to her husband Octavio Tivoli, and to daughter Emily Tivoli. We are grateful for all of the contribution to teaching and research of Associate Professor **Alyssa Schwann**, who resigned to focus on her design practice in Vancouver, B.C. We wish her success in this pursuit. We are sorry to lose **Dr. Mark Meagher** who will be departing to assume a teaching post in Belgium. Best wishes to former ED Chair, Professor **Ed Epp** who recently retired. Dean **Jonathan Beddoes** also bid us farewell, embarking upon a well-deserved journey to retirement. And finally, a sorrowful goodbye to dear Stanley, the unofficial mascot of the Faculty of Architecture and dear companion to Alyssa.

At the 141th Convocation of the University of Manitoba, 89 students were conferred with the degree Bachelor of Environmental Design. Two awards were presented at the Spring Convocation, the University Gold Medal for the student with the

highest standing in the final two years of their undergraduate program was presented to Josh Lingal and the Dan Muir Memorial Award, presented to Caitlin Ferris for a student with an outstanding ability in design.

Today on the shores of Lake Winnipeg, my garden is alive with the chatter of a flock of young Baltimore Orioles. The coming and goings of people and animals in this small community fosters the allusion that all is normal. I have become accustomed to skies unsullied by contrails and streets for strolling rather than cars. Large groups of young children play on the beaches and the parks are full of people picnicking and gardening. COVID-19 forces us to remember that we are all profoundly and globally connected. The world has pivoted, and I wonder what we can retain of the good things we learned from life under lockdown. Can we make do with less, are loved ones more cherished than ever, is a cleaner, more sustainable environment more achievable than we realized before? Perhaps the “new normal” means that more of these Orioles and their avian kin, will survive migration returning safely to grace our gardens with their beautiful song.

In closing, I thank all the dedicated teaching and support staff who promote student success throughout the Environmental Design Program.

Mohamad T. Araj, Ph.D., Associate Professor
Jae-Sung Chon, Instructor II, Director of Architecture 2 Gallery
Katherine Isaac, Instructor I
Leanne Muir, Instructor I
Alyssa Schwann, Associate Professor
Kim Wiese, Instructor II
Karen Wilson Baptist, Ph.D. Chair, Environmental Design Program, Associate Dean (Academic), Associate Professor, Department of Landscape Architecture

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Department of Architecture

Carlos Rueda, PhD

As I conclude this short report for Network my colleagues and I prepare enthusiastically, and with spirit of resilience and adaptability, for a year of unanticipated global crisis, challenges and necessary shifting teaching practices. I believe institutions are the people; and standing together, the experiences to come, will only make us better. Following are only some lines, with the inevitable restriction of space, highlighting fragments of what we did in 2019-2020.

Professor Herbert Enns's master's studio has exhibited in Iceland at the Reykjavík City Hall in October 2019 their most recent architectural explorations. The studios have included collaborations with Dalhousie University, the University of Texas at Austin, and Professor Orjan Sandred and three students in electro-acoustic composition from UofM Desautels Faculty of Music. Along with an intensive private practice, Professor Enns is concluding an eight-year commitment to the Inuit Art Centre, while continuing to serve in the Board of Governors at the Winnipeg Art Gallery.

The ED3/AMP studio groups of professors Eduardo Aquino, Chad Connery, Terri Fuglem and Liane Veness collaborated on a new Warming Hut project with the international Winnipeg artist Eleanor Bond. *Cloud of Unintended Consequences* addressed the presence of single-use plastic bags in current urban culture.

Professor Neil Minuk led a CPCI funded precast concrete studio which included fieldtrip to Italy to visit exemplar buildings and structures, while managing a busy private practice in the city. Professor Eduardo Aquino has been responding to COVID-19 initiative as it regards to public space, designing a "Memorial to the Affected" for Kelvin High School, "Playspace" for the Winnipeg Art Gallery, and "Beachscape" for the Mackenzie Art Gallery Wascana Park, in Regina.

Professor Shawn Bailey's Cross-disciplinary Design Studio "The Gift is in the Making" developed a collaboration with Richard Perron and Ryan Coates (ED4 Landscape Architecture), working together with Iskatewizaagegan (Shoal Lake 39), an Indigenous community located approximately 150 km east of Winnipeg. Professor Bailey moderated a panel discussion during Atmosphere with Professor Chris Cornelius, and participated in the Indigenous Scholar Speaker series with Councilor Roxanne Greene on the topic of the "Feasting Shelter", about building a relationship with Shoal Lake 40. Professors Aquino and Bailey together with students are collaborating in a design for an infill lot in Kenora to serve as a new community public space.

Professors Lancelot Coar and Mercedes Garcia-Holguera have established a significant collaboration with a series of partners to create a Climate Adaptation working group to provoke the learning studio work mandates, extending their own personal research agendas: The University of Winnipeg's Prairie Climate Centre, The Forks, Professor Niigaanwewidam Sinclair (Native Studies), James Thomas (HTFC), and Jeff Frank (HTFC). In addition, Professor Garcia-Holguera participated in the III Workshop Internacional de Arquitectura y Territorio (Universidad Piloto, Colombia), presenting the paper "Introduction to biomimetic design and its potential on an urban scale".

Continuing his long-standing commitment to internationalization and Indigenous issues, Professor Ralph Stern organized The Guatemala Studio in conjunction with the Universidad Rafael Landivar (Guatemala City).

The Studio focused on developing a museum and memorial to the Indigenous and other victims of genocide and political.

Sessional instructor Ted Landrum, in addition to a year of very committed teaching collaborations with the DoA, continues co-curating the annual Architecture + Design Film Festival.

Professor Lisa Landrum led a SSHRC-supported initiative entitled Canadian Architecture Forums on Education (CAFÉ) involving all 12 schools of architecture across Canada in five forums in 2019-2020 to discuss the role of education and research in shaping Canada's future. Four M.Arch students in Studio Biblio (Hasti Fakour, Alex Bartmanovich, Brendan Klassen and Alan Vamos) earned national recognition for designs addressing "Architecture of Public Engagement", exhibited at the RAIC Emerging Practitioners Competition (POP / CAN / CRIT 2019: Education and Emergence of Architects in Canada Symposium, held in Toronto on October 26th, 2019.) Professor Lisa Landrum was elected to the Royal Architectural Institute of Canada College of Fellows, and appointed to the CACB Board of Directors.

And last, but not least, I take this opportunity to highlight, more than twenty years of contribution to the Department of Architecture of professor Eduard Epp, who retires to pursue other endeavors. Thank you, Professor Epp, for your significant contributions to the Department, Faculty, and University of Manitoba at large.

Eduardo Aquino, Associate Professor
Shawn Bailey, Indigenous Scholar & Assistant Professor
Chad Connery, Sessional Instructor
Lancelot Coar, Associate Professor
Herbert Enns, Professor
Terri Fuglem, Associate Professor
Mercedes Garcia-Holguera, Assistant Professor
Lisa Landrum, Associate Dean (Research), Associate Professor
Neil Minuk, Assistant Professor
Carlos Rueda, Head & Associate Professor
Ralph Stern, Professor
Liane Veness, Sessional Instructor



"I BELIEVE
INSTITUTIONS
ARE THE PEOPLE;
AND STANDING
TOGETHER, THE
EXPERIENCES TO
COME, WILL ONLY
MAKE US BETTER."





Department of City Planning

Richard Milgrom, PhD

The 2019-20 academic year will be remembered for its conclusion – the short notice pivot to remote learning that was required to fight COVID-19. But this report highlights some of the other important work and activities that preceded the pandemic. The department continued to build relationships with a range of communities and stakeholders in Winnipeg and Manitoba through studio work, while faculty members continued to develop important research agendas. The year's studios worked with an inner city neighbourhood, the Winnipeg Metropolitan Region, First Nations and Indigenous organizations, and addressed urban design and development in downtown Winnipeg.

In the Fall term, the MI studio, under the leadership of Dr. Orly Linovski worked with the West Broadway Community Organization (WBCO) in Winnipeg's inner city. Students worked in groups to address housing issues, strategies to enhance connectivity and fight social isolation, and "pathways to reconciliation" with indigenous communities. The work was well received by community members at a public presentation in December. One immediate outcome was a joint MITACS research internship with the WBCO about housing in the neighbourhood, under the supervision of Drs. Linovski and Cooper. This created a summer position for one student, Yasmine Haj Ahmad.

The Reginal Studio with Dr. David van Vliet's leadership continued to work

with the Winnipeg Metropolitan Region (WMR). This long-term collaboration has taken on greater importance this year because the Provincial government is now requiring the WMR to develop its first regional plan. In addition to the research and support that the studio provides, four students (Natalie Lagassé, Daniel Iskierski, Anders Turim and Gisele Sarbandi), took internship positions at the WMR.

The Urban Design studio, led by Dr. Richard Milgrom (with Ryan Segal MCP 2015) continued to develop an interdisciplinary approach, working with Dr. Carlos Rueda and Alden Neufeld's undergraduate architecture studio. This year's work focused on the lands around Broadway and took on the economics of development in more depth. In addition to the perspectives of planners, students heard from developers about what they would be needed for the private sector to participate in proposed urban design initiatives, and texted the economic viability of the projects proposed by architecture students.

The Indigenous Planning Studio engaged with four First Nations. Dr. Sarah Cooper's students worked on land use planning issues, community engagement processes and territorial mapping projects with Sapotaweyak Cree Nation, Sagkeeng First Nation, Black River First Nation, and Opaskwayak Cree Nation. They also worked with Manitoba Uske, an organization that addresses First Nations land management issues, carrying out research about the impact of flooding has on First Nation land values.

A first for the program this year was participation in The Battle of the Prairies Real Estate Challenge. An interdisciplinary team of students from planning (Chris Gibson, Simon Lacoste, Angie Mojica and Brody Osadick), architecture, landscape architecture and business place second out of seven teams that made pitches for a hypothetical development in Calgary. Thanks to Ed Romanowski (MCP 1980) and NIAOP for expanding the competition to Universities outside Alberta for the first time.

The main news story for the year should have been the reaccreditation of the program by the Professional Standard Board for the maximum five year period. The benefits of our relatively small program were noted – the strength of the student cohorts, the accessibility of the faculty and practitioners (with thanks to MPPI), and the quality of work produced by our students. However, the accreditation site visit was held in March, just days before COVID-19 concerns shut the university to in-persons teaching.

Instruction of the final month of the Winter term was remote – faculty members had four days in mid-March to prepare. Instructors rose to the challenge and appreciated the cooperation and curiosity of the students to explore the realm of online learning. While we all missed the in-person contact, we also found unexpected opportunities, like the ease with which we were able to invite guests to classes and reviews no matter where they lived. In June, we celebrated the convocation of City Planning students with a virtual ceremony, complete with academic regalia, an event that included the fullest participation by graduating students ever. We hope to be able replicate the success of this event in the near future, in person.

As always, we are grateful for the contributions of the Manitoba Professional Planners Institute, that continues to support mentorship activities, awards and events for students in the Master of City Planning program.

William Ashton, Adjunct Professor
 Sheri Blake, Senior Scholar
 Rae Bridgman, Professor
 Mario Carvalho, Professor Emeritus
 Sarah Cooper, Assistant Professor
 Jino Distasio, Adjunct Professor
 Christopher Leo, Adjunct Professor
 Orly Linovski, Assistant Professor
 David Linton, Adjunct Professor
Richard Milgrom, Head & Associate Professor
 Jeanette Montufar, Founding Partner & CEO, MORR Transportation Consulting
 James Platt, Adjunct Professor
 Jean Trottier, Cross-Appointed (Landscape Architecture)
 David van Vliet, Associate Professor
 Ian Wight, Senior Scholar



Department of Interior Design

Kelley Beaverford

Kelley Beaverford, Head & Associate Professor

Susan Close, Associate Professor

Kurt Espersen-Peters, Assistant Professor

Katherine Isaac, Instructor

Cynthia Karpan, Associate Professor

Shauna Mallory-Hill, Associate Professor

Tijen Roshko, Associate Professor

Jason Shields, Assistant Professor

The 2019-20 year brought many achievements and unprecedented challenges to the Department of Interior Design. In this brief report, I will touch on the highlights that will show the dedication, creativity and perseverance of our students and faculty members.

Dr. Cynthia Karpan recently published a book called *Programming interior environments: A practical guide for students*. The book introduces a framework for programming studio projects and offers strategies intended to help students gather and analyze information. Dr. Karpan's book addresses the challenges that students face trying to program, often on their own, for hypothetical clients. I want to congratulate Dr. Karpan on this achievement along with shouting out to the undergraduate students who helped her, Shane Cuenca, Josh Lingal and Tiffany Maybituin.

Dr. Shauna Mallory Hill worked with MID student Cat Salles on several projects involving First Nations, such as the One House Many Nations project building of "muskrat house" Opasquiak First Nation, and for the Mino Bimadiziwin Partnership Project. As a research assistant, Cat gathered information, worked on construction drawings and spent time living and working with local "Boreal Builders" students in Wasagamack and Garden Hill First Nation. Cat's MID Practicum "Home interiors and furnishings in remote First Nation Communities: exploring sustainable and culturally appropriate solutions through the Boreal Builders" is primarily informed by her work as a research assistant.

This year we had five students participate in Exchange Programs. MID students Kyle Kartzmark, Maria Dyson and Stephanie Champagne, studied at KU Leuven – Faculty of Architecture in Ghent, Belgium. KU Leuven is Belgium's highest-ranked university and one of the oldest and most renowned universities in Europe. Two undergraduate students also participated in exchanges, Deveney Jarro and Eric Kyle. In their final term in the Environmental Design program, they studied at the University of South Australia in Adelaide.

Instructor Katherine Issac successfully led the Work Experience Program (WEP) through the 2019-20 year. The WEP involves 175 hours of work experience plus twelve hours of preparatory workshops, facilitator meetings, and post-job assessments. Completion of the WEP, or an equivalent, is mandatory in the MID program. Thirteen students completed work placements in 2019, with another thirteen students set to complete the program over the summer of 2020. I want to thank Katherine, the students, and all the employers for making this program a success.

Once again, a group of MID One students travelled with Professor Tijen Roshko and Instructor Nikki Layne to Istanbul as part of the MID Studio 2. When they joined their colleagues back in Winnipeg, the class worked with the FABLab to explore the use of Virtual Reality in a project called *Belief and Spirituality in the 21st Century: In Search of the New Sacred*.

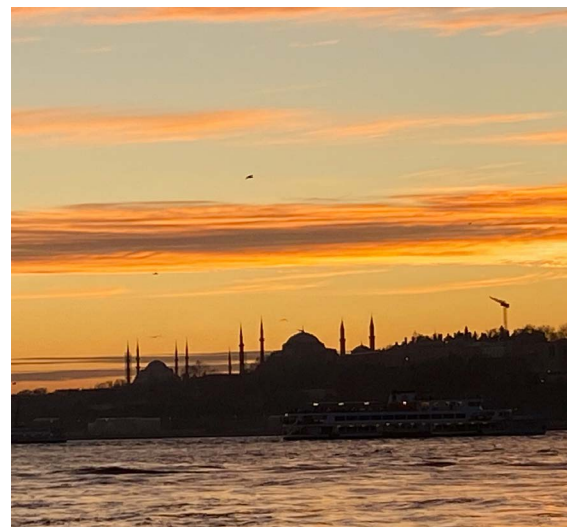
Professor Kurt Esperson-Peters brought an exciting project to Studio 3.2. Students were asked to design a residency for the Poet Laureate of Winnipeg using the River Heights Library for the site. The design included an office for the Poet Laureate, a reception area and a private suite for visiting authors and poets.

Professor Nancy Maruca retired in December of 2019. On behalf of the Department, I want to thank Professor Maruca for her many years of service. Her expertise in lighting, materials and design will be missed along with her ongoing commitment to the profession of Interior Design.

It would be impossible to wrap up this report without mentioning the disruption and chaos that COVID-19 caused. I applaud all of the students, instructors and teaching assistants for making learning from home possible upon short notice in March. Finally, I want to congratulate the students who completed their MID studies this year, especially those who worked remotely in the spring and the summer of 2020. Your commitment and innovation remind me that we can continue to do amazing things, even in difficult times.



“YOUR
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Department of Landscape Architecture

Anna Thurmayr

Brenda Brown, Associate Professor

Marcella Eaton, Associate Professor

Kamni Gill, Assistant Professor

Leanne Muir, Instructor II

Richard Perron, Professor

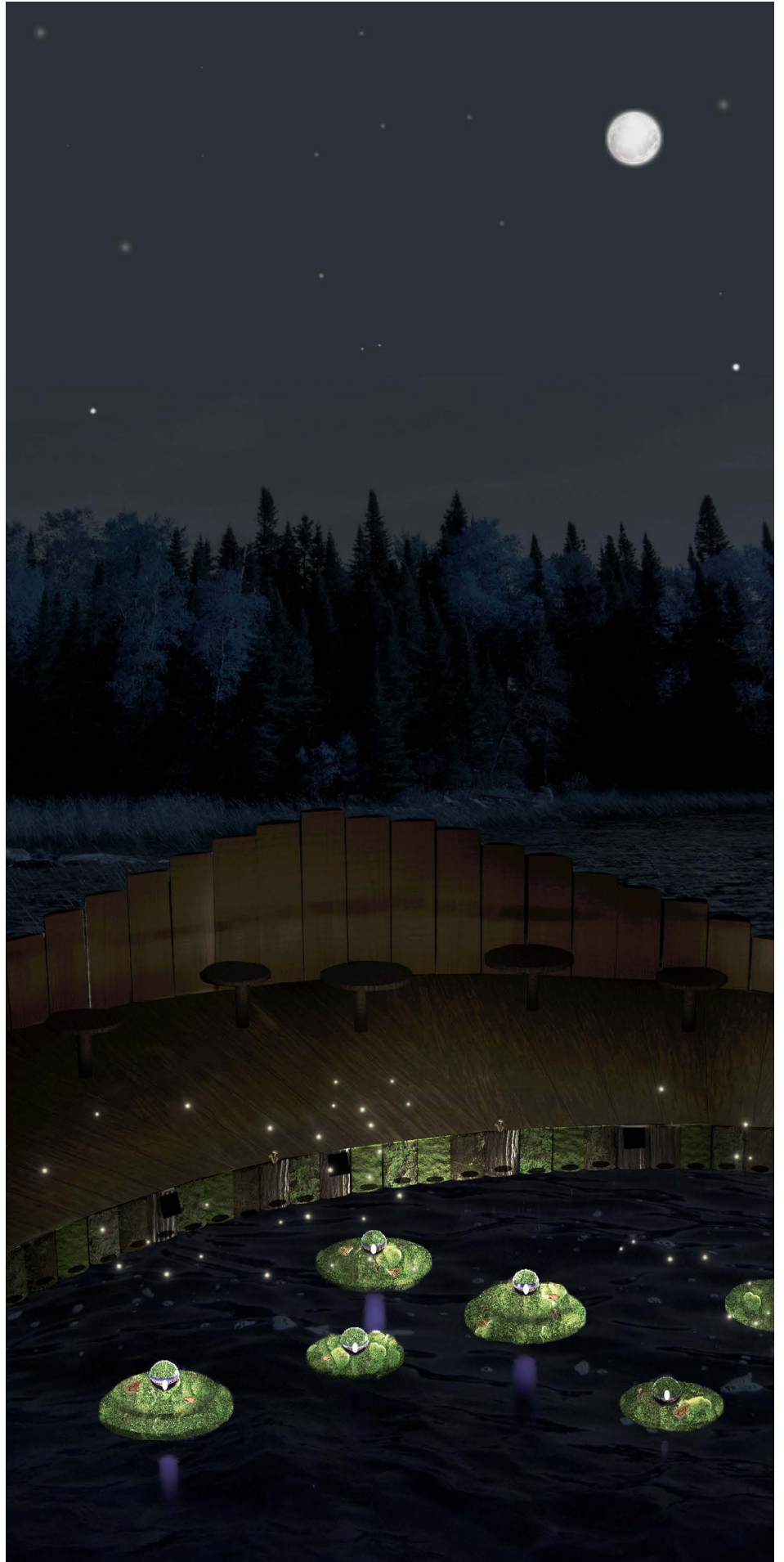
Dietmar Straub, Professor

Alan Tate, Professor

Anna Thurmayr, Head & Associate Professor

Jean Trottier, Associate Professor

Karen Wilson Baptist, Associate Dean
(Academic), Chair, Environmental Design
Program, Associate Professor



From in person to remote: As the Winter term continued from home, everyone was able to adapt quickly and appropriately. It was beneficial for the department that the abrupt change happened towards the end of the term. Previous face-to-face meetings helped us create a learning environment that was tailored directly for our students and their needs. Although the switch to online was not easy for everyone to manage, we kept in contact and provided support to one another. Despite the global pandemic, instructors, students, and researchers have been able to carry on.

Smooth transition: The department's headship changed on July 1, 2019. I want to thank Alan Tate, past department head, for providing the information needed for a smooth transition. My thanks also extend to the Faculty's administrative support staff who helped in the transition process.

Heart aspiration: Leading in the field of landscape design and project implementation is similar to leading a university department. Both require teamwork. It is my practice to collaborate by using active listening and cultivating open communication. Using this style of leadership will ensure teacher satisfaction, and thus safeguard the high-quality work of the department. As department head I am committed to using my talent to nurture the strengths and potential growth of students, teachers and researchers to follow their passions.

Short notes: Dietmar Straub has been promoted to Full Professor and Leanne Muir to Instructor II. Brenda Brown's application for an UM/SSHRC Explore Grant has been approved for her project on "Manitoba's Farmstead Shelterbelt Landscapes: Documentations, Analyses, Stories". Kamni Gill's application to the University Research Grants Program (URGP) was approved for funding in support of her research project entitled "Looking at animals, looking at people: Phase 1". Dietmar Straub and Anna Thurmayr were awarded the LILA – Landezine International Landscape Award 2019 in the Gardens category and presented their project "Rooted

in Clay" at the award ceremony in Geneva, Switzerland. Marcella Eaton and Alan Tate were on research / study leave during the academic year 2019-20. Karen Wilson-Baptist has been appointed as Acting Dean of the Faculty of Architecture for 2020-2021.

Students records: Eleven students graduated from the Master of Landscape Architecture (MLA) program and twenty-two students from the Landscape + Urbanism (L+U) option in the ED program this academic year. The total number of graduates is consistent with the previous year. The intake of students was lower for the MLA program and slightly higher for the L+U option for 2019-20 and this will be about the same for 2020-21.

Two incoming MLA students, Aaron Bomback and Naomi Ratte, received a University of Manitoba Graduate Fellowship. The latter student also got accepted to the President's Student Leadership Program at the Asper School of Business, University of Manitoba.

MALA and LASA presented "The Salt of the Earth", a documentary on the life and work of Sebastião Salgado directed by Wim Wenders and Juliano Ribeiro Salgado in Centre Space, John A. Russell Building. The film screening was followed by a vital discussion among the audience and the invited panelists Susan Close, Richard Halden, and Dietmar Straub. Ethical and aesthetic issues regarding Salgado's work were debated. LASA also hosted "Weep the Willows: A Candlelight Vigil" in recognition of the longstanding appreciation from students and faculty for the willow trees in front of the Russell Building. Both events were well organized by MALA student rep Kathryn McCudden with help from Elise Ouellette and others.

Outside speakers: Two outstanding landscape architecture related presentations took place this academic year. Chris Grosset was selected for the Faculty of Architecture Distinguished Lecture. Chris is a partner at NVision InSight Group, an Indigenous consulting firm with offices in Ottawa and Iqaluit. The title of his lecture was "The Path: Reconciliation, Learning, And Landscape Architecture". Gary

Hilderbrand was invited as a keynote speaker at this year's Atmosphere Symposium and gave a presentation on "Speculative and Real". Gary is a Founding Principal and Partner of Reed Hilderbrand, a committed practitioner and Professor in Practice at the Harvard Graduate School of Design. Laurie Olin, one of the most renowned landscape architects practicing today, was selected for the Harlyn Thompson Lecture but made a last minute cancellation due to the global pandemic.

“... NURTURE
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Returning to face to face: The Fall term 2020 is still being planned. Based on the current discussion, we will prepare for remote teaching but anticipate that some of our courses, especially the design studios, will be taught in-person while following public health restrictions. Students will be required to be present in Winnipeg, Manitoba in order to participate in those courses. In addition to this, our short-term goals include effectively preparing for the next accreditation visit in March 2021. We look forward to presenting the work of the students and the department to the visiting accreditation team.



Faculty of Architecture Research

Lisa Landrum, PhD

Associate Dean Research

Public health and social justice. Faculty of Architecture researchers have often grappled with these issues. The global pandemic and movement for Black Lives Matter have thrust societal concerns to the foreground. Combined with global warming, these interconnected crises oblige scholars, students and designers of the built environment to pursue research with renewed focus and urgency.

What are we learning from lockdown? How are we listening to suppressed voices challenging systematic racism? What efforts are we making to decolonize our own research, methodologies and practices? How will design and planning emerge post-pandemic with greater relevance for the common good?

Good design and planning are essential for equitable and sustainable societies. Research helps understand what “good” design entails, where it comes from, how it can be achieved, where it fails and ways it can be reimagined.

The immediate impact of COVID-19 on research was significant. Conferences and scholarly events were cancelled, postponed and radically reformatted. Labs, libraries, archives and institutions that support research were shuttered. Community outreach and fieldwork were restricted. Online

resources were helpful but limited, and digital collaborative tools were useful but tedious.

At the same time, some research gained new applicability and scope. For instance, Dr. Sarah Cooper’s research on affordable housing informed a national discussion on how governments might mitigate the virus via policies requiring adequate domestic shelter. See her co-authored article “Manitoba’s Rent Assist program offers housing solution during COVID-19” in *The Star* (Apr. 29, 2020).

All areas of research in the Faculty of Architecture will be affected by the events of 2020 – from garden design and public art, to building systems and indoor air-quality, to accessible design and aging-in place, to the history and theory of just and healthy settings.

The following summary provides a partial account of scholarly achievements from the 2019-2020 academic year.

Faculty of Architecture researchers are collaborating on several federally-funded research initiatives in the areas of Indigenous housing and health, age-friendly communities and design-build educational platforms. Projects led by faculty researchers include a SSHRC Insight Development grant and UM Explore project, entitled *Manitoba Farmstead Shelterbelt Landscapes*, documenting places and stories of rural landscapes, led by Brenda Brown; a Mitacs-supported initiative in partnership with researchers at the University of Winnipeg and the Canadian Centre for Policy Alternatives, entitled *Community organizations and emergency planning in the COVID-19 pandemic*, led by Dr. Sarah Cooper; a SSHRC Connection grant involving all CCUSA architecture programs, entitled the *Canadian Architecture Forums on Education (CAFÉ)*, led by Dr. Lisa Landrum; and ongoing research on double-skin facades as part of a NSERC Discovery grant, led by Dr. Mohamad Araj.

Funds from the University of Manitoba Research Grants Program are advancing research on *Wild Winnipeg*, led by Kamni Gill; and *Non-profit housing in Canada*, led by Dr. Sarah

Cooper. The University Collaborative Research Program grant is supporting architecture policy analysis, led by Dr. Lisa Landrum in collaboration with professors in Political Studies.

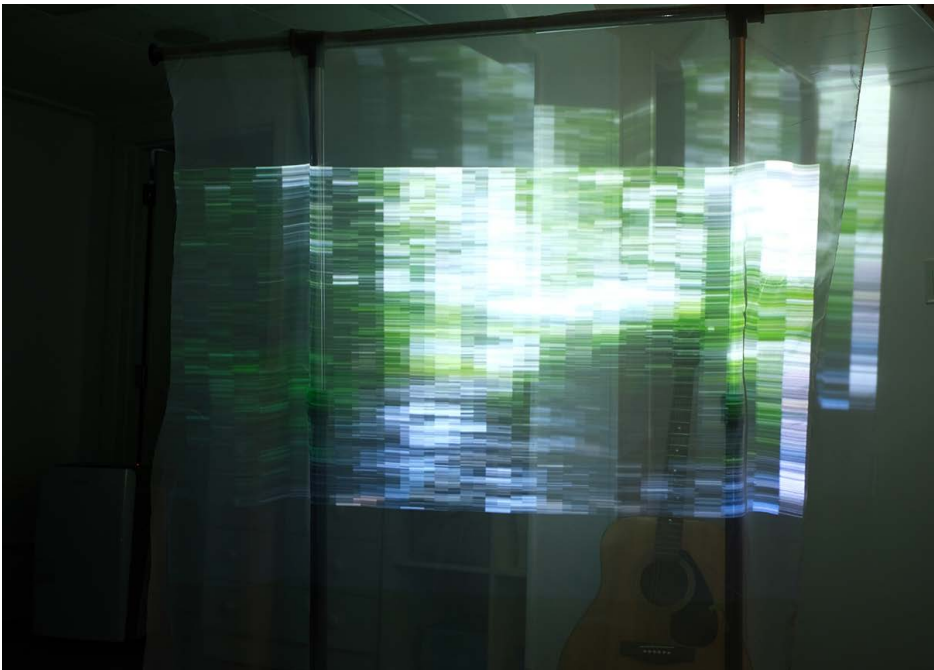
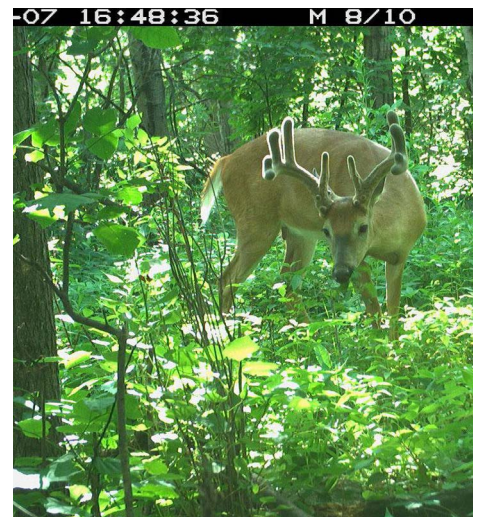
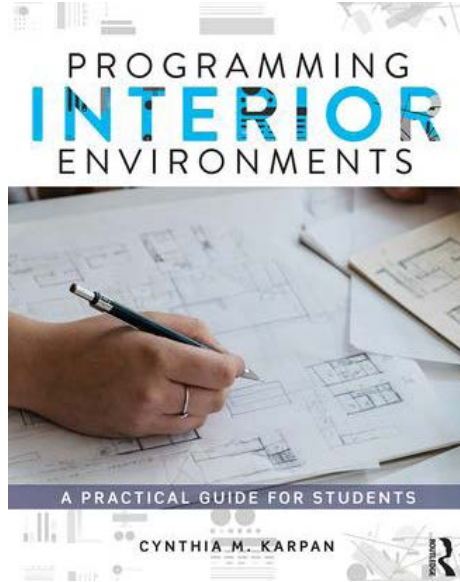
Notable recognitions for creative work and professional practice include a 2019 Landezine International Landscape Award (LILA) for the design of *Rooted in Clay - WY Garden* in Winnipeg, by Dietmar Straub & Anna Thurmayr.

Several researchers presented findings at design and planning conferences, and by invitation to institutions across Canada and abroad. Notable international presentations include Dr. Mohamad Araj’s paper on solar energy modeling at the SBE19 Sustainable Built Environment D-A-Ch Conference, Graz University of Technology in Austria (Sept. 2019); and Dr. Mercedes Garcia-Holguera presentation on biomimetic design at Universidad Piloto, Colombia (Nov. 2019).

Numerous faculty members published conference papers and journal articles, and/or are advancing books proposals. Dr. Cynthia Karpan book, entitled *Programming Interior Environments: A Practical Guide for Students*, was published by Routledge in fall 2019. Other researchers provided probing commentary in regional news media on urban issues, including a series of CBC opinion pieces by Rae St. Clair Bridgman (with Wins Bridgman) on what makes a good city.

To learn more about research news, recent scholarship and current projects, please visit the Faculty of Architecture Research page of the re-designed FAUM website and the bio pages of individual researchers.

Finally, it is a pleasure to report that eight Faculty of Architecture students, all three Environmental Design streams, earned Undergraduate Research Awards for summer 2020. In spite of remote mentorship due to COVID-19, all students successfully completed research collaborations with supervisors via socially-distanced means. To learn more about the winners and their work, follow this story on UMToday.



STUDENT WORK

Undergraduate

Student Work



Dallin Chicoine

Environmental Design Year 2

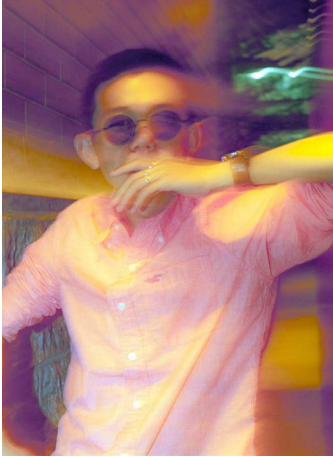
Dallin Chicoine is an ED3 student recently accepted into the Architecture Stream. Coming from rural Southeast Saskatchewan, he has always had a drive of curiosity to draw, explore and create and plans to use those ambitions one day as an Architect. He enjoys most aspects involved with the design process, such as graphic layout and Artistic work, which he practices extensively in his free time. Dallin likes to take influence for his projects and studies through numerous forms of artistic media, such as films, music, photography, and paintings. He is interested in learning about new, unorthodox topics through different apertures in context to a design project and exploring areas to improve. Dallin plans to graduate with a Master of Architecture and eventually practice in a well-respected firm. He looks forward to what his future years of education will have to offer.



Myles O'Toole

Environmental Design Year 2

Myles O'Toole has just completed his second year in the Faculty of Architecture at the University of Manitoba. He had spent the previous two years studying Biosystems Engineering at the University of Manitoba before developing further interest in the design aspects of his studies and transferring to Environmental Design. He is passionate about traveling and capturing the memories of his travels through photography. In his spare time, Myles has begun designing and building wooden furniture and home goods. He began with small items such as planters or cutting boards but recently progressed to larger pieces of furniture, such as shelves and bed frames. He finds the time he spends designing and building these items a great way to unwind, as well as providing a rewarding end result. Going forward with his studies in Environmental Design, Myles hopes to continue to learn and explore new methods of creating both sustainable and experiential designs.



Tong Yue
ED4 Architecture

Tong Yue grew up in China, and moved to Canada in 2011. He graduated with a Bachelor of Fine Art degree in 2015 from University of Manitoba. He is an architecture and art enthusiast.



Josh Lingal
ED4 Interior Environments

Joshua Lingal recently graduated from the Environmental Design Program at the University of Manitoba in 2020 with a focus on the Interior Environments option. He is an expressive individual interested in various modes of storytelling such as drawing, digital art, music, fashion design, photography, writing, and architecture and design. His passion for storytelling aided in the manifestation of his projects which emphasize the notion of people-oriented design and creating spaces that are explorative, beautiful, and meaningful. His objective is to design spaces that are not only functional, context-sensitive, and aesthetic, but also evoke emotional and psychological qualities that further enhance the spatial experience of his projects. Currently, he is exploring design outside of the academia, but plans to further his studies with a master's degree in the future.



Augusta Ho
ED4 Landscape + Urbanism

Augusta Ho has graduated from the University of Manitoba in June 2020 with a Bachelor of Environmental Design in the Landscape and Urbanism Stream. She was determined to enroll in this stream to learn more about ecology and contextualizing space while designing amusing, playful projects. She has spent summers working with heritage/conservation organizations such as Dalnavert Museum and Parks Canada where projects included creating a garden tour with volunteers from the Manitoba Master Gardener Association and decorating parade floats to march at Winnipeg Pride! This winter, Augusta will begin the Horticulture Technician Program at Vancouver Island University, learning the process from landscape design concepts to their implementation to gain knowledge of project development, in hopes for further insight and inspiration for future projects.

AUTHENTIC
APPROACH TO
ESCAPING OUR
MENTAL REALITY TO
ENTER ANOTHER,
BUT INSTEAD
ENTERING A
PHYSICAL REALM
THAT ENGAGES ALL
THE SENSES

Dallin Chicoine

Environmental Design Year 2

Room | Ritual The ritual involved with this room is watching films. Although the simple gesture may often go unthought of, we watch films as a way to escape the conventions of our own lives and place our attention into that of another's, much like reading a novel. The experience this room provides is a very similar, but authentic approach to escaping our mental reality to enter another, but instead entering a physical realm that engages all the senses, as apposed to very simply watching a film on a screen. The final outcome is intended for the viewer to realize many of the minor details that go into making films, especially of the classic era.

For the duration of the project, the process looked into many different directions on where the potentiality of the room could go. Based on the unique structure and layout, which was a sunken apartment with a small foyer at the top level, a small resemblance was borne to that of looking out a balcony. Considering the ritual that could be applied to this, I was able to envision the opportunity for a dramatic scene from the film noir genre.

To begin the lengthy process, the entire room had to be papered down with horizon lines constructed where the buildings would be placed. String was used to run along the parallel walls and straightened based on the reference point to give the impression that the horizon line was continuous along the entire perimeter of the room. Following the production of a scaled model of the room with all the drawings pre-drafted to work, the drawings were then scaled up and applied to the walls. Shading and details on the buildings were all completed with graphite, conte, and charcoal. Lights were later added to give the sense of a high rise building with evening activities taking place in the streets below.

The final goal was to utilize many common elements from the era that would indicate it was part of an older-style film. A short film was produced to emphasize the details that would normally go unnoticed in a film due to plot and narrative. The elements most prominent were the dusk metropolitan scene, the Dutch tilt, and the use of forced perspective to give an expansive illusion that the space goes on forever.





Myles O'Toole

Environmental Design Year 2

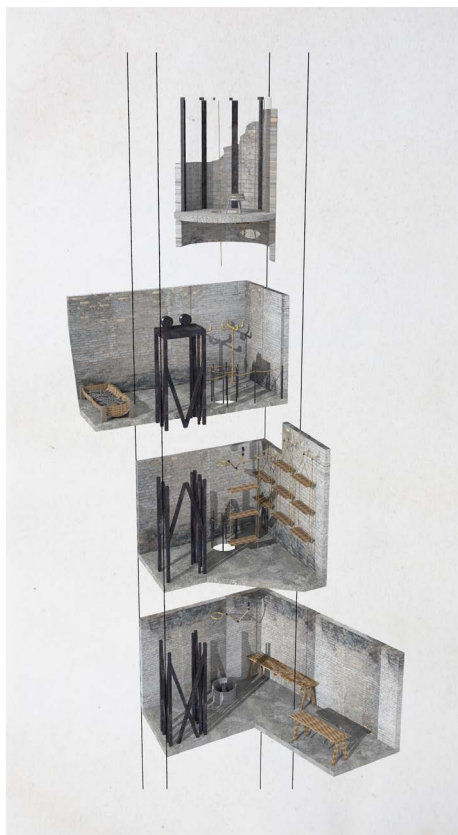
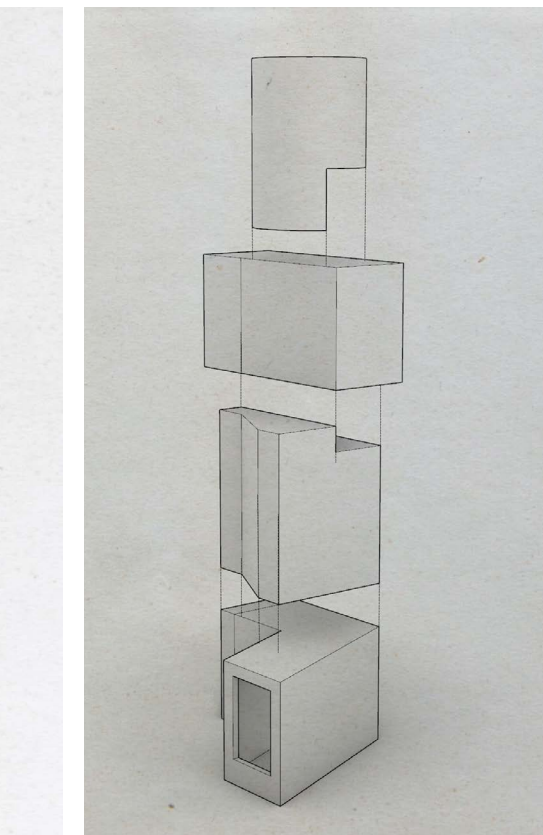
Accretion is a dwelling designed for Roscuro, a rat from The Tale of Despereaux. Roscuro is a rat that dwells in the dungeons of a castle. The rats in The Tale of Despereaux love the darkness, however, Roscuro finds himself drawn to the light above ground.

The site for the dwelling was chosen due to several factors, such as the strong contrast between light and darkness, close proximity of trash for a food source, and existing building systems to make use of. The form of the dwelling is derived from the intent of maximizing the use of these existing systems, as well as passive systems. A lightwell extends throughout each floor of the dwelling in order to provide natural light and ventilation. Magnifying lenses that can be rotated and adjusted hang below the lightwell on each floor, allowing the light to be directed within the dwelling. The bottom floor extends forward past the existing buildings to catch the strong northern winds, creating stack ventilation that cools the building during hot summer months. The second floor is angled in order to catch light from a nearby lamppost at night. The third floor extends far from the lightwell to provide darkness while sleeping. The top floor ascends upwards, above the existing buildings to provide a room filled with light.

Rats are typically scavengers that thrive off of remnants or discards from others, primarily humans. Therefore, the design of this building was heavily reliant on existing and passive systems that did not require mechanical engineering, such as electricity or air conditioning. A range hood exhaust system on the existing building is an example of the parasitic systems, as it provides heat within the dwelling during the winter. The facade and the furniture are made from found objects and materials on the site that could have been collected by a rat over time. For instance, the bottom floor contains picnic tables found on site that have been modified to be used as a dining table. The second floor contains many hanging shelves that can be lowered to store Roscuro's treasures and are made from wood that has been scavenged from a deteriorating nearby porch.

The definition of accretion is the process of growth or collection over time. Accretion embodies the way the building is designed, as a collection of objects over time, working together to create a comfortable dwelling for a rat.





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Tong Yue

ED4 Architecture

The Architecture Union project is a program driven design followed OMA's hyper rational process. The ultimate goal is to create a school that is based on program and function. The design process based on co-operative research, problem solving; there is no authorship to this project. Moreover, the AU demonstrated a new advanced building mythology in Winnipeg, which is in extreme weather condition. The AU wants to explore and take the action to step forward.

The AU is a call to action – to transform architectural education in the 21st century that differs radically in form, content and delivery to the prevailing model of the 20th century. The AU is premised on the understanding that Architecture is expanding its mission to society and to the environment. This proposal supports the idea of a networked community of shared interests composed of the academy, the profession, industry and their allied partners and associations, locally, regionally, nationally, and globally.

Location The AU located in Winnipeg, Canada. The location is geographically, socio-culturally and economically significant to its intellectual apparatus. Winnipeg is a 'mid-city' geographically, it located in the middle of North America. Winnipeg is a space at the centre and separated by substantial distances from the exterior limits; it plays an intermediary role between two extremes (social, cultural, economic). Winnipeg is a mid-node in the global cities network (the notion of 'capital cities' and 'financial and cultural centres' is antiquated and does not address the flow of ideas and goods adequately). Winnipeg is a mid-city, neither large or small, neither experiencing exaggerated growth cycles or economic decline, it supports the emerging reality of a 'no growth' economy. The AU, like Winnipeg, strives to advance the interests of the radical middle.

Mission The AU is committed to advancing architecture through the 'critical engagement' of the built



environment. It strives to advance an architecture that is both pragmatic and poetic, supported by a sense of conviction, efficacy, and innovation. The AU seeks to locate architecture through the lens of its historical trajectory and through contemporary thought and practice from a range of allied disciplines i.e. pluralistic. Its criticality and instrumentality are conditioned by its trans-disciplinary nature in a dialectical relationship, between the academy and the practice and in relation to the built world of possibilities. The notion of a 'praxis' best describes the pedagogical apparatus of the AU. The AU supports humanity's right to architecture.

Living, working, playing and learning

The AU supports architectural education that is incremental, fluid, and measured over a lifetime of learning and practicing. Boundaries between formal education, practice and community engagement

are permeable. Professional degree and non-degree programs are offered locally and globally through national and international partnerships with allied institutions, practices, and organizations. The AU encompasses the changing nature of the learning and working worlds by providing the context for these to occur simultaneously in real and in virtual space. In an increasingly knowledge-based society, links are fostered between these worlds and learning occurs in a variety of contexts including the classroom, the office and workplace, the community design centre, the research lab, and over the Internet. Shared knowledge, skills, and values between academics, practitioners, industry and cultural producers form the basis for a strategic shift in architectural education and practice.



(Reference: Next School studio outline
EVAR 4010 Prof. Eduard Epp.)

Josh Lingal

ED4 Interior Environments

University Gold Medal Recipient

Habit.at is the final design outcome of a term-long project that explores the concept of a media arts centre. Although the obscurity and diversity of a media arts centre introduced uncertainty in the initial approach to the design phase of the project, familiarity with the typology was achieved through extensive research. This consisted of precedent studies, historical and contextual analyses of the site, and the construction of a program document that addresses design considerations and spatial requirements.

The inspiration for Habit.at stems from an earlier investigation of a precedent study that centres itself around the theme of neurodiversity. The project provides flexibility in spatial manipulation as a design solution to the various needs of neurodivergent artists. In essence, neurodiversity can be described as the range of neurocognitive functions and behavioural traits in an existing population that leads to differences in how individuals socialize, learn, and interact. In the context of interior design, a media arts centre designed for neurodivergent individuals was selected to better inform and understand the importance of inclusive and accessible designs in the contemporary social climate.

Located in 310 Ross, Habit.at is a media arts centre that celebrates neurodiversity and all the while, bridges analog and digital art by integrating spaces that encourage interdisciplinary collaboration in a creative work environment. The interior consists of galleries and exhibition spaces, numerous types of media art studios, a café, and work areas. Emphasizing the spectrum of cognitive functions among people, the facility introduces various workspaces that accommodate different levels of sociability, learning, attention, and mood. Similarly, formal and informal workstations are provided to create an interior space that adapts to different work styles among neurodivergent artists. Spatial experiences—including visual, tactile, and auditory senses—are modulated through material selection, integration of an architectural language, and implementation of various furniture types. A monochromatic material palette was also selected to minimize cognitive stimulation, whereas the linear repetition in architectural elements and the visual and tactile patterns on material surfaces seek to achieve the reversed effect. In response, cognitive stimulation, or the lack thereof, is controlled in selected spaces to better accommodate neurodiversity.









Augusta Ho

ED4 Landscape + Urbanism

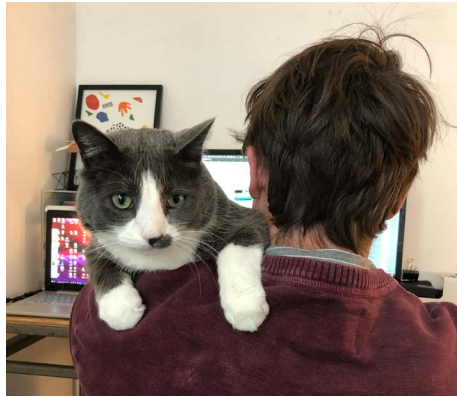
This studio worked collaboratively with Iskatewizaagegan 39 Independent First Nation to imagine a campsite and requested programming. Preliminary research focused on circular economies, land-based learning, and conservation. This guided our studio projects, which will be compiled into a publication for the community for reference and inspiration moving forward with fulfilling their campsite planning.

The facade of the boardwalk is created from lumber by-products from cutting timber, using its waste as frog housing while floating lighting is constructed using tree-stump slices. Simply by stacking or cutting a crevice in the wood, we can create a habitat for frogs that they seek during hot days to stay moist. These wood enclosures are designed to rot over time and become increasingly suitable for frog housing as they retain moisture. They may also be 'planted' with moss and fungi to keep these spaces cooler and more visually appealing.

Frogs play an important role in nature as bioindicators – this means that they aid in measuring a healthy ecosystem. When their population is abundant and in good health also means the ecosystem is thriving. A project which reveals the frog represents a healthy, working environment and the bountiful relationships which exist within it; not only making them known but celebrated.

In the evening as the air cools down and the lights turn on, this boardwalk becomes alive! Frogs are nocturnal creatures, active at nighttime to hunt for bugs and call for mates. Twists and turns will be lit for visibility and concentrated in resting areas for people to observe the frog phenomena during an evening stroll. An abundance of frogs will congregate here and can be seen with the light and most definitely heard. In the frog's notable ability to remember environmental cues, the little critters will most certainly recognize such spaces designed to meet their needs and may even return to call it their home.

To fulfill the exhibition of the frog, a boardwalk is used for its ability to lead people to universal frog habitat: the wetland. Although the frog's habitat has a large range from woodland to tall grass, all species inhabit wetlands during the breeding period to lay their eggs come spring. Regarding the human scale, experiential qualities of the boardwalk are inspired by the behaviour of the frog; seating on circular wood stools reflect frog eggs, where the visitor acts as the tadpole warming up in the sun. Winding and zig-zagging pathways simulate frog behaviour when they leap to avoid predators.



Ben Greenwood

Master of Architecture

Ben Greenwood was born and raised in Winnipeg, Manitoba. He likes camping and Science fiction. He is going to miss architecture school.



Choi Ho

Master of City Planning

Eyes on the human condition | Ears for your stories and perspectives of the city | Taste for planning and design | Heart for connecting | Legs for walking and cycling our streets



Marina Jansen

Master of Architecture

Marina Jansen is a recent M.Arch graduate from the University of Manitoba. Marina's research lies at the intersection of the mythical and the mundane, and spans in scale from the body to imagining new worlds and ways of life in the uncertain time that we live in. She uses architecture as a means of exploring and questioning the world around her, with a particular fascination on things that are generally overlooked. Marina intends to continue her research outside of the academic sphere while roaming North America in her campervan.



Angie Mojica

Master of City Planning

Angie Mojica holds a Bachelor of Arts Honours degree with a major in Sociology and a minor in Asian Studies from the University of Manitoba. She has recently graduated from the Master of City Planning program. Angie was born and raised in Winnipeg, MB and is of Filipinx descent. Growing up in the West End and living Downtown has influenced her interests in social inequities and their manifestations in space, including gentrification, displacement, and homelessness. Through her coursework and internships in the private sector, Angie has gained exposure to and developed an interest in placemaking, urban design, land and property development, community planning, and Indigenous planning (in both rural and urban contexts). Angie seeks to further develop her skills and knowledge as a planner so that one day, she can contribute to making Winnipeg a more inclusive and equitable city.



Katie Godfrey

Master of Interior Design

Katie followed a winding path to interior design. She grew up in Toronto, spent half a decade in the Maritimes and has since landed here in the Prairies. Katie acquired her first degree from the University of King's College, followed by a Master's of Interior Design from the University of Manitoba. A love of the visual incites her excitement about film, drawing, and, of course, interior design. For several years, Katie worked as a guide leading canoe trips and cycling expeditions, and she continues to bring this sense of adventure and curiosity to her design practice. Currently, she works at interior design studio Ola Hiraeth in Winnipeg.



Tamara Barbour

Master of Interior Design

Tamara Lee Barbour is a recent Masters of Interior Design graduate from the University of Manitoba. She is currently working at LM Architectural Group/ESE as a Junior Interior Designer. Her goals are to practice and teach Interior Design together one day. Her experience is within education, commercial and residential design. Throughout her studies within the Faculty of Architecture, she received numerous awards including, The Jean M. Pearen Scholarship, The Stantec Graduate Fellowship in Interior Design and The Steelcase Price for Design Excellence. She finds herself inspired by the ability to bring objects and spaces to life through creativity, ingenuity and hard-work. She believes design is the perfect blend of the intangible and the concrete. She has felt the impact design can have and wants users to have the same awareness that she feels everyday, in which she is proud to be apart of.



Jane Hilder

Master of Landscape Architecture

Jane Hilder holds a masters degree of Landscape Architecture from the University of Manitoba. A lifelong citizen of Winnipeg, Jane has a passion for outdoor exploration, and improving the environment, art, and cultural representation of our province. By age 11, Jane knew she wanted to be an architect, and at age 17 she was introduced to the specific stream of landscape architecture, which proved to be a perfect career fit. Jane's design interests focus on the integration of environmental education in early school education, connecting youth to the land they live in through the lens of landscape architecture. She is currently employed at Little Bluestem Landscape Architecture + Design, working on projects across Manitoba with a focus on trail navigation, iconic placemaking, and educational landscapes.



Kathryn McCudden

Master of Landscape Architecture

Kathryn McCudden is a graduate student in the Department of Landscape Architecture, working towards finishing her master's practicum. Having come to the program with a bachelor's degree in philosophy honours from the University of Regina, she has a particular interest in the social dimensions of landscape: how people simultaneously shape and are shaped by place. Her practicum work also involves prairie conservation and ecology; having lived and worked in Asia and Europe before returning to school, there are many landscapes she loves and admires, but the prairies have her heart.

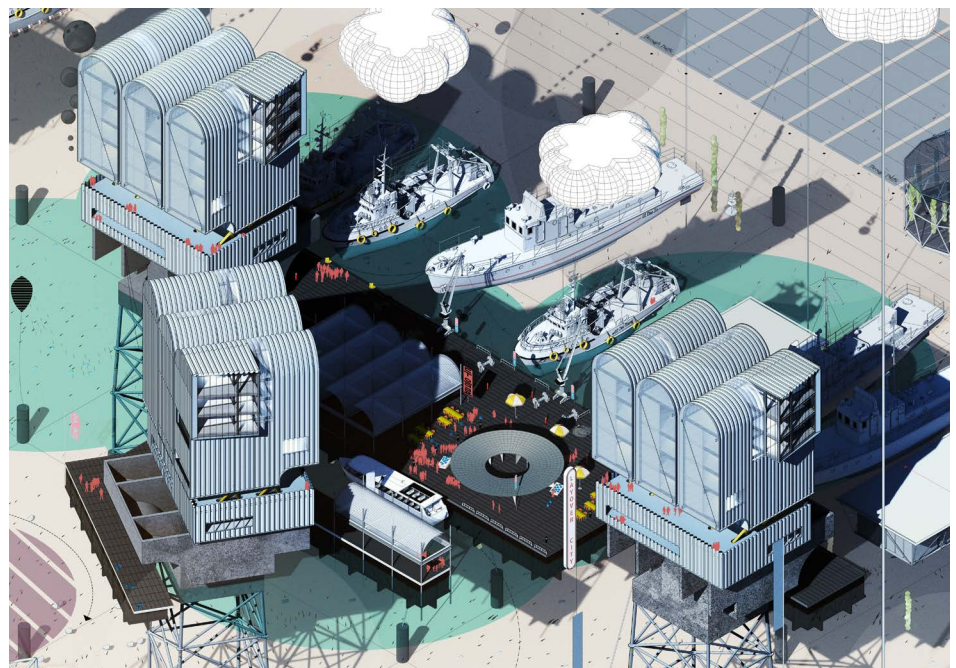
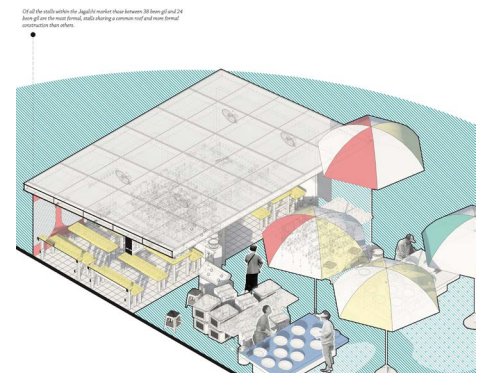
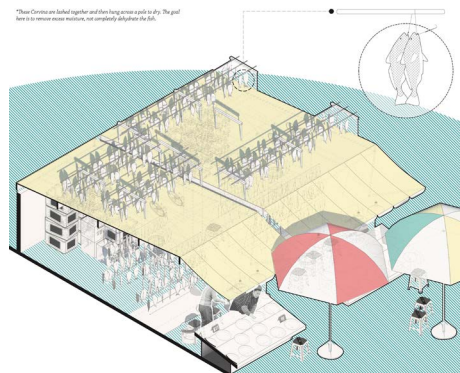
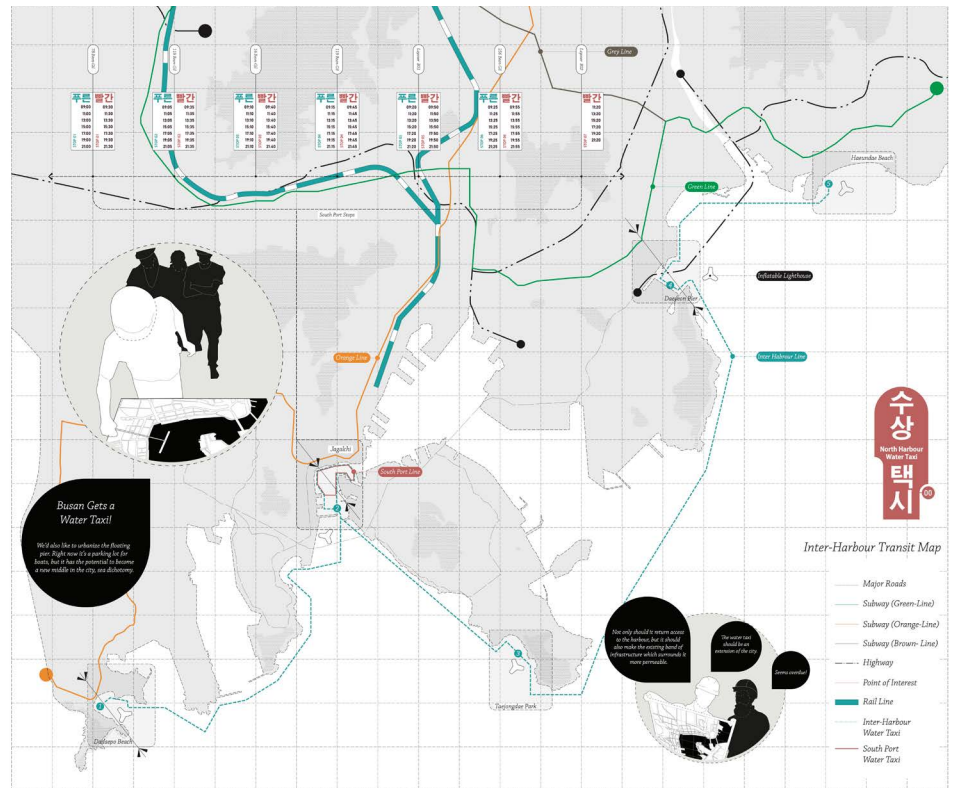
Ben Greenwood

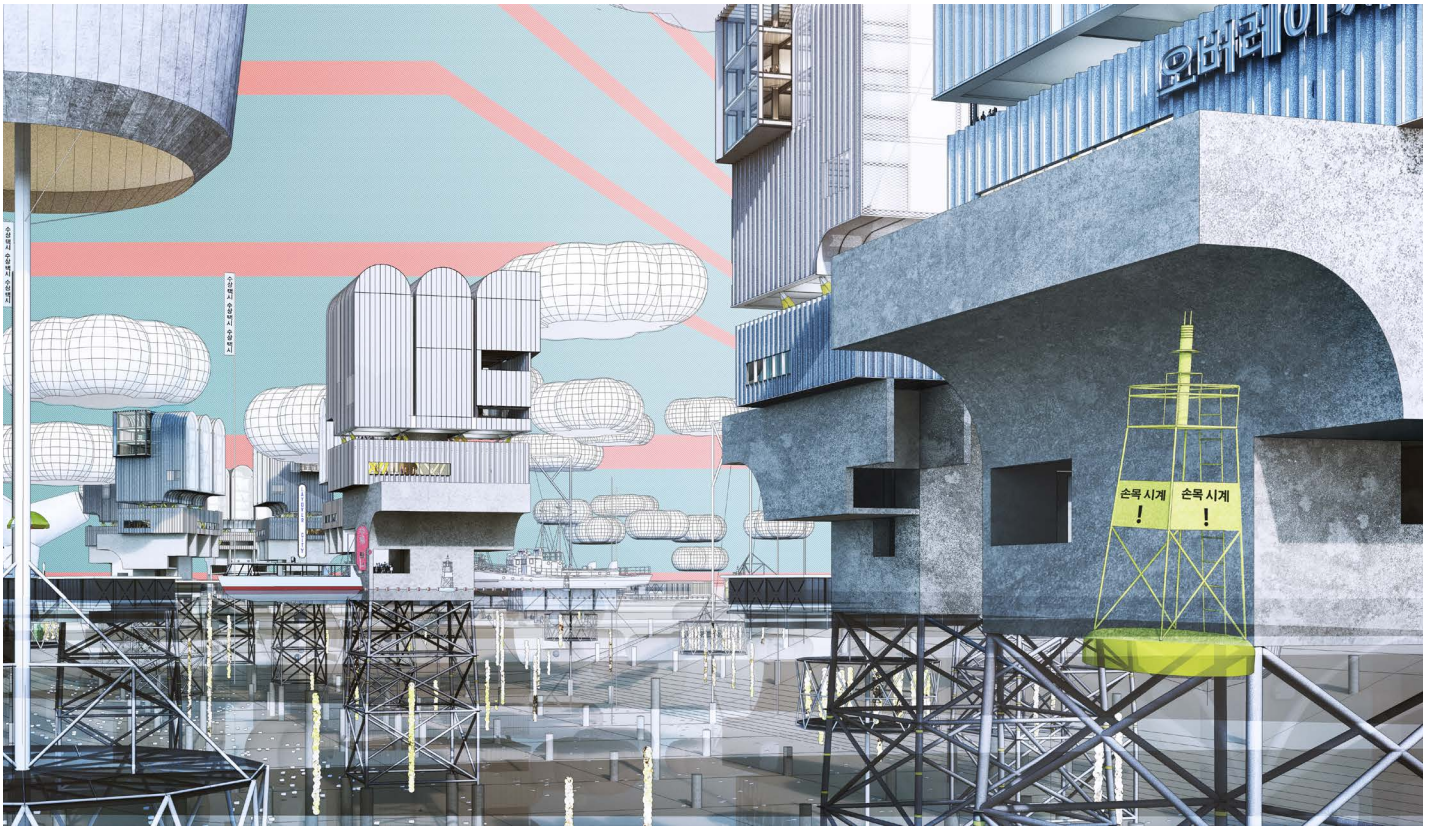
Master of Architecture, Design Thesis

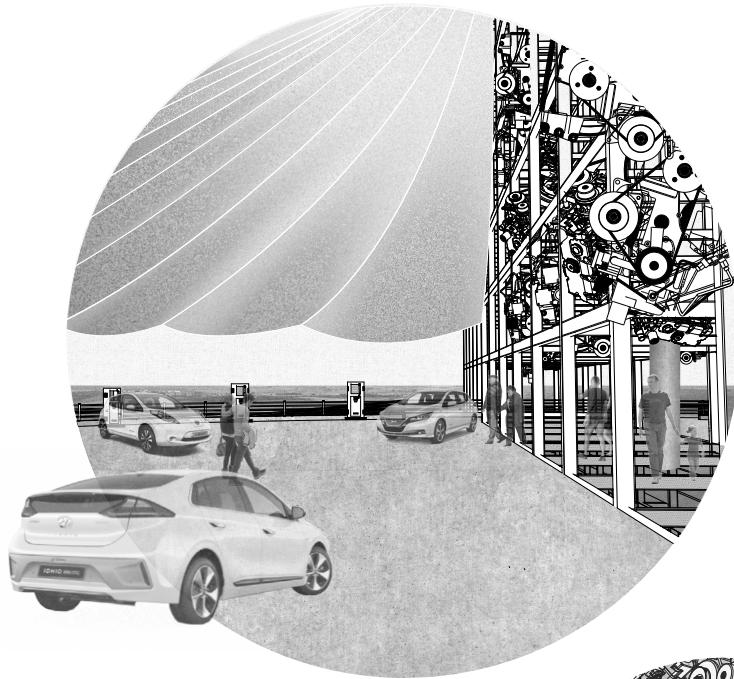
Advisor: Neil Minuk

Layover City | Using a network of water taxis as a catalyst, this project looked to create a new middle in the spatial dichotomy of city and sea. This place, later titled Layover City, would act as a literal and perceptual medium in which city and sea were to collide. As a mooring platform for the local fishing industry and a hub for a proposed water taxi system, Layover City acts as a place of respite for those between trips, spaces and people colliding in the process.

Reaching towards Layover City and connecting it in the process would be a series of water taxi stands. These stands, by necessity, would punch through the band of infrastructure currently dividing the fish market from the harbour, bringing people physically out towards the water. With streets and harbours connected through the system, the division between city and sea would become porous once again, people and goods passing from one space to another frequently and informally as part of a commute, errand or weekend trip.







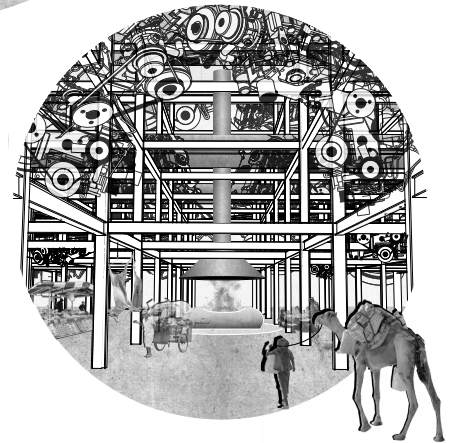
Marina Jansen

Master of Architecture, Design Thesis

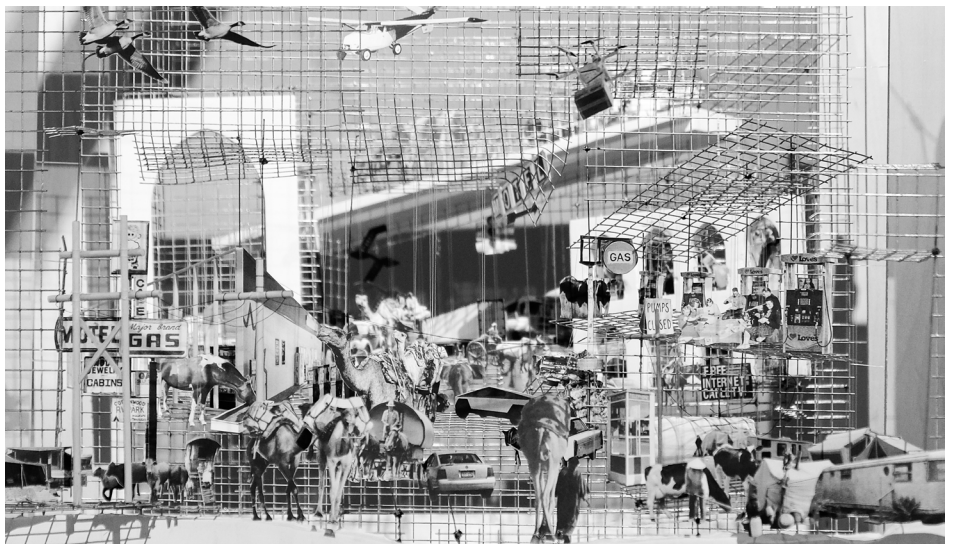
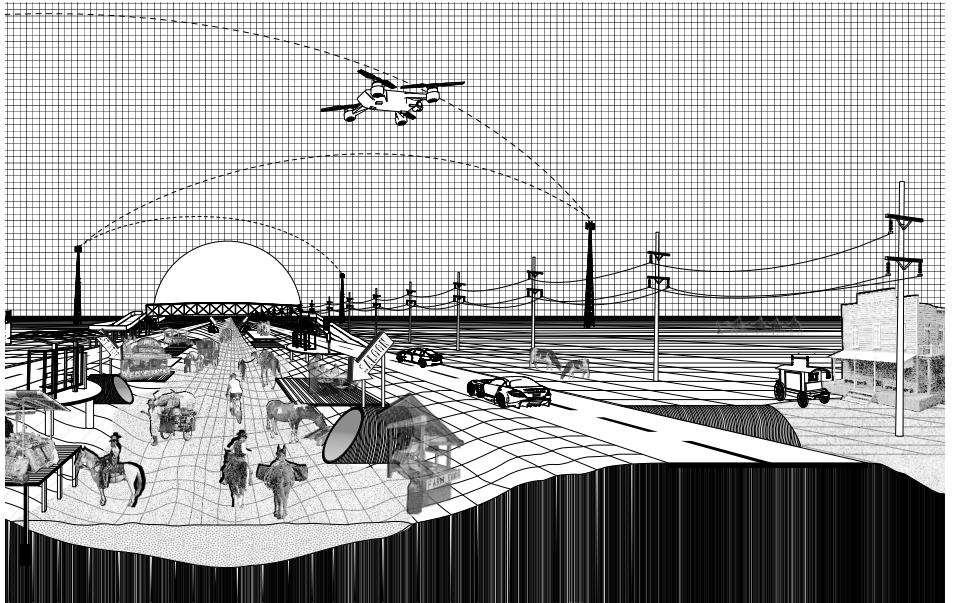
Advisor: Terri Fuglem

Neither Here Not There: Dreaming of the Open Road | Our collective concept of the road exists simultaneously as an infrastructural object and as a symbol of journey, escape and origin in North American mythology. The road cannot be considered just a path or an abstract line on a map that leads from one place to another, but it is a place in and of itself. It is a place in which the transient converges with the local and the unknown unsettles the mundane. It is defined by its liminality; made up of ambiguities at the intersection of place and placeless-ness, speed and stagnation, and nostalgia and harsh realities. The reality of the road diverges from the road as a symbol in its endless pursuit of homogeneous efficiency and consumer driven convenience. The ultimate symbol of unconstrained movement and individual freedom, the road finds its ironic apotheosis in stagnant 6 lane freeways and interstates with well marked exits and highly regulated movement. The myth of the road is dead, or is it?

This thesis desires to imagine what is next in the North American mythology of the road in the time of urgent change that we currently live in. Fossil fuel shortages, flying bans, mass migration of climate refugees and a plethora of other unknown factors have the potential to completely change how we move across land. Assuming the demise of the automobile introduces an opportunity for the introduction of different means of transportation with varying speeds. If the development of the roadside is a direct reflection of the evolution of the road and the capacity for speed of the traveler then the road and the roadside cannot be studied separately as they exist only in relation to each other. These spaces are in constant friction between those in motion (the traveler) and those that are stationary (the local), just as Hermes, the god of trade, wealth, luck, fertility, language, thieves, and travel stands opposite Hestia, the Goddess of the Hearth.



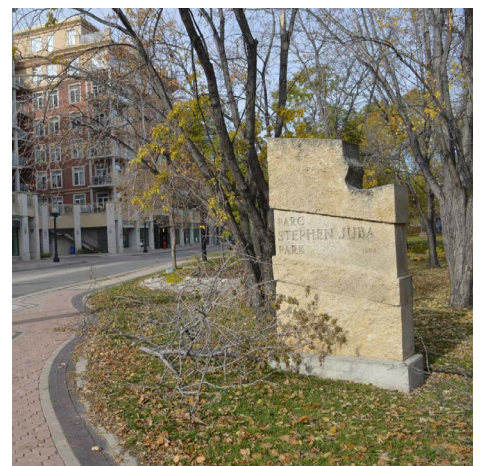
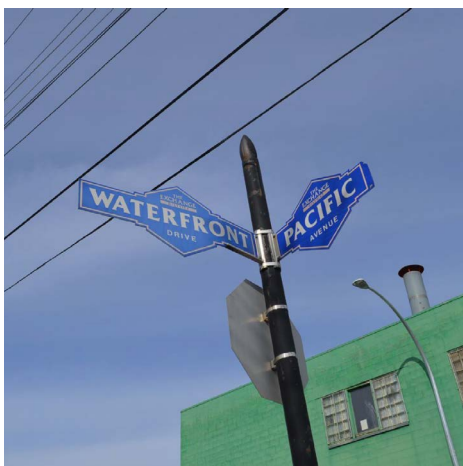
This thesis dreams into what the highway of an uncertain future may look like and who and what may inhabit it. After some conceptual meandering, accidental detours and a few valuable dead ends, this thesis culminates in an unfamiliar roadside motel where the roaming inhabitants of the uncertain road find themselves at a stand still. Through my own unexplainable desire for the unknown that the open road promises, this thesis explores the road as a contradictory place that is both ripe with myth and heavily grounded in the perils of efficiency.

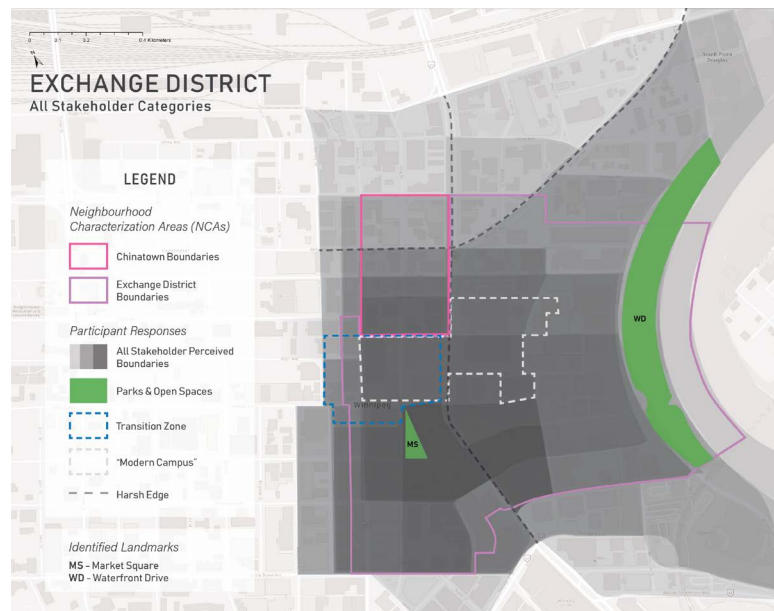
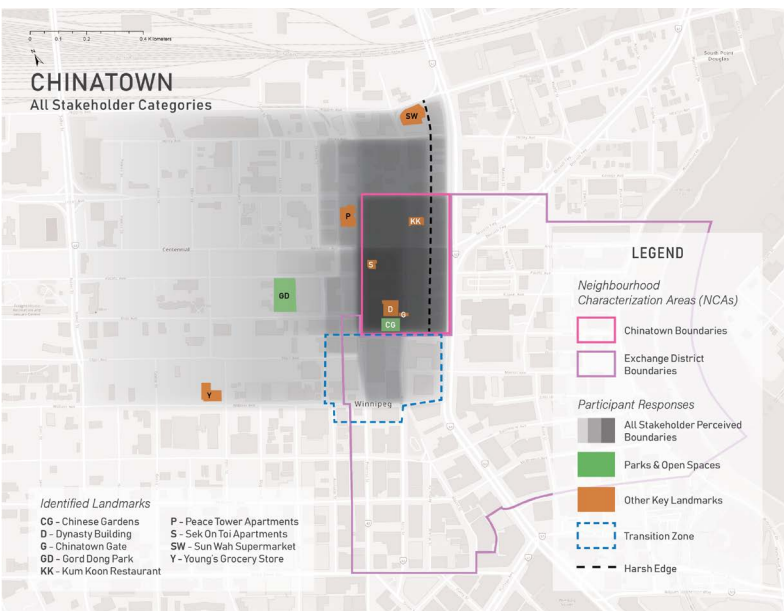


Advisor: Dr. Rae Bridgman

Rivers | User-led and pedestrian-focused research reveals the links and disconnects between walkability, wayfinding, and Winnipeg's Red, Assiniboine and Seine Rivers. This study on wayfinding to the three rivers draws attention to discouraged pedestrians as well as the people-first strategies and infrastructure which currently have but a low profile in Winnipeg; a mode shift to more people on foot and a more walkable Winnipeg desperately needs a helping hand. The research draws out problems associated with wayfinding in Winnipeg as a fourfold opportunity and catalyst to: celebrate a new image of the city, contribute to the literature on and redefine wayfinding, improve pedestrian access, awareness and appreciation for the urban waterways, and support the development of key recommendations for a "3-Rivers Wayfinding System" in Winnipeg. In carrying out the research, a review of the wayfinding literature, an audit of Winnipeg's existing wayfinding signage, precedent research on effective wayfinding signs, a map of river access points in the study area within a 10-minute walking distance, and a pedestrian-centred postcard questionnaire uncovered seven significant findings to enrich and advance the development of a city wide "3-Rivers Wayfinding System". What matters to Winnipeggers and for wayfinding to the Red, Assiniboine and Seine Rivers is local character and identity, history and culture, creativity and innovation, pedestrians and walkability, weather and seasons, accessibility and safety, plus connectivity and consistency; altogether, a wayfinding system to the three rivers in Winnipeg matters. The way to Winnipeg's urban waterways is via a proposed "3-Rivers Wayfinding System" – with wayfinding heightened to reveal Winnipeg's storied identity as "River City".









Angie Mojica

Master of City Planning

Advisor: Dr. Sarah Cooper

Revisioning Winnipeg's Chinatown: A Critical Analysis of Settler-Colonial Revitalization

After decades of disinvestment, Winnipeg's Northwest Exchange District and Chinatown are the focus of recent revitalization initiatives led by non-governmental planning organizations. The intent of this Capstone project is not to provide an in-depth analysis, nor critique of the recent Development Strategy for Northwest Exchange District and Chinatown. By comparing organizational mandates, jurisdictional boundaries, and stakeholder perspectives, I argue the voices and interests of those experiencing homelessness, Indigenous people, and other non-Chinese BIPOC (Black, Indigenous, People of Colour) are marginalized and missing from the planning process, placing them at risk of displacement.

Participants consisted of representatives from community organizations (COs), non-governmental planning organizations (NGPOs), and housing- and homelessness-focused non-profit organizations (HNPOs). Data from emotional mapping and semi-structured interviews were analyzed through a perspective informed by literature on gentrification and on settler-colonialism. All participants saw a need for reinvestment in the Northwest Exchange and Chinatown. However, most participants, especially COs and HNPOs, expressed concerns about changes that would displace their respective communities, residents, and/or client base. Social issues, such as homelessness and poverty, are only worsening and similar urban renewal initiatives in the past have done little to improve circumstances for the city-centre's inhabitants. There was a desire for Chinatown to be an inclusive and multi-cultural space; but some participants discussed conflicts around how physical representations can exclude those who do not identify with its branding. Lastly, the current and historic Indigenous inhabitants of the area and Indigenous-led grassroots movements are concealed and erased by a lack of representation in the Development Strategy's key policies.

Based on these findings, a plan for the area's social development is needed, created through partnerships between COs, HNPOs, and NGPOs, but led by Winnipeg's official planning department. Indigenous people should be recognized as authentic inhabitants of the space and strategies should be incorporated to address aspects of Indigenous homelessness. These strategies should be led by Indigenous people, but with the full support of the City and other organizations.







Tamara Barbour

Master of Interior Design

Advisor: Cynthia Karpan

Capable Hands. Promoting an Inclusive Learning Environment for High School Students, Through Nature, Personalized, Flexible and Adaptable Design

This practicum explores the overall community aspect of a school by using the different learning styles in relation to a child's cognition, and translates them into physical form using interior design to enhance the learning process. By understanding each learning style, and exploring alternative ways to design interior spaces that provide flexibility, this practicum will promote inclusivity to each child. Also, by considering the different learning styles, classrooms can be created to become an inviting and adaptable space. Allowing the student to have some control and personalization over their school experience and environment creates a sense of pride and positive involvement that translates into their learning.

This practicum blurs interior and exterior environments, resulting in a less institutionalized setting, thus creating a calming environment in which students can thrive. Using nature to enhance the lives of student's and educators, this will result in peaceful learning and working environments. These environments will create spaces in which users are

less distracted and can focus on the information being taught. The goal of this practicum is to create a school that supports student's ability to understand and retain information, where they will be excited about learning, therefore resulting in success in school.

By understanding Howard Gardner and Dunn and Dunn's different learning theories, it closely relates to the differences that students need to learn, retain information and how well they respond to certain environments in a school setting. These theories can be broken down into design implementations such as flexibility and control, adaptability and child centered learning. All aid in the student's ability to learn by a more individual approach and giving them choices in their education.

In addition, Biophilia, provides a philosophy to which humans want and need a connection with other living things. With Kaplan's Attention Restoration Theory, Horticultural Theory and Biophilic design, natural implementation can be used in the build environment and in this practicum, for a successful learning environment.

The overall goal of this practicum was to provide a community of understanding, acceptance, and individuality within Churchill High School, and outside of the school for all users.





Katie Godfrey

Master of Interior Design

Advisor: Kelley Beaverford

Growing Community, Shaping Place: A Community Centre and Garden for Refugees Settling in Winnipeg

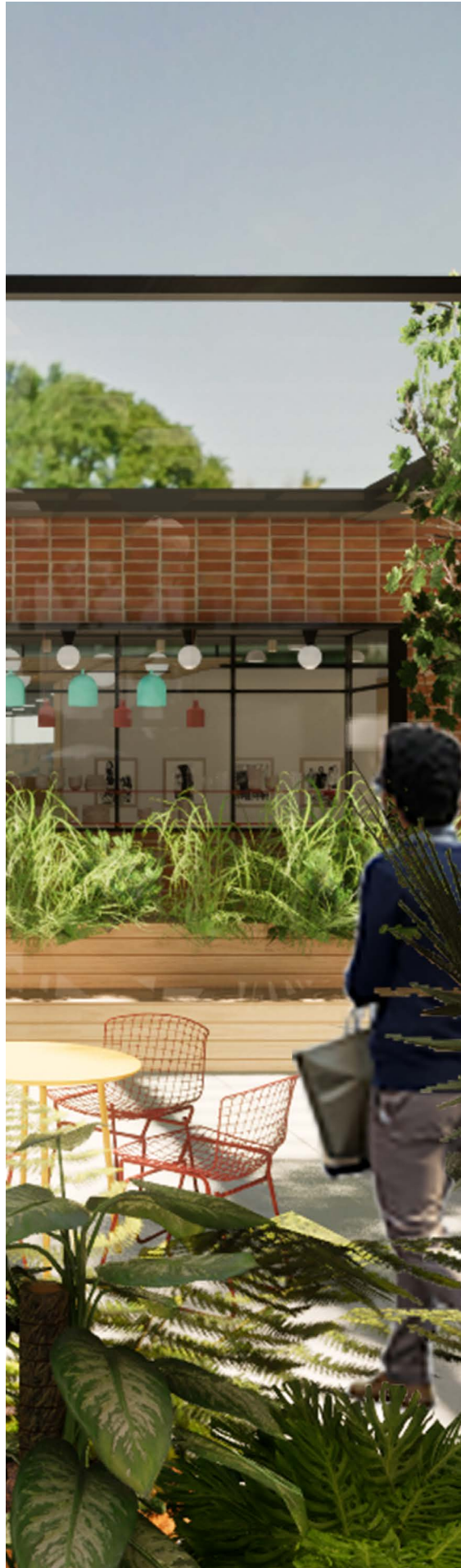
As refugees settle into life in a new country they learn the local customs and culture, but for a successful integration the host society must also adapt. In exploring the complexity of the settlement process and the important role that social networks play in refugee integration, this project proposes a design for a community kitchen, garden and café – a cultural hub for recently arrived refugees and long-term locals alike. By engaging with urban agriculture as both a placemaking tool and a form of food subsidy, gardening practices provide a foundation for thinking about barriers to settlement and strategies in community engagement.

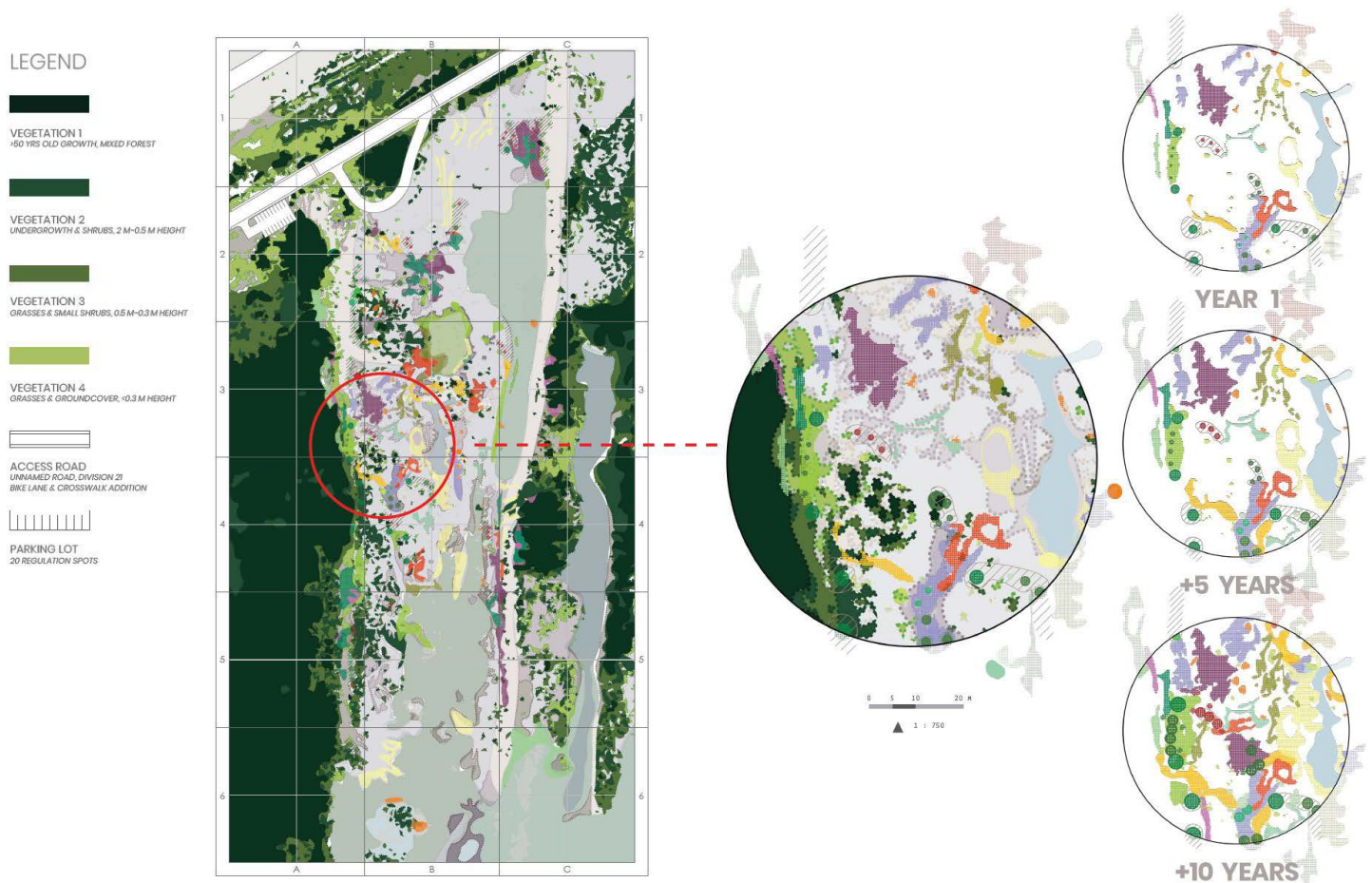
The proposed design is a renovation to an existing building in the West Broadway neighbourhood in Winnipeg. The space aims to foster a sense of place by promoting both participants' feelings of ownership over elements of the program, and by creating an environment that welcomes the community. In considering the physical

design of the space, theoretical conceptions of place, identity and sense of community belonging inform strategies for designing for people in transition, and simultaneously, for long term connections.

As the design progressed, the concept took shape around two key themes: overlap and connection. These themes work to establish a design language that translates from exterior through to the interior. In this way, the design is about the site, the building and the spaces in-between.

In the proposed design, the outdoors come in and the indoors expand out contributing to a year-round flexibility in how the space is used and occupied. The kitchen, food garden and greenhouse are closely connected both programmatically and spatially and are designed to highlight and support a program centred on activities of cooking, gardening and education. Sightlines play an important role in how the space is received, whether from the street where onlookers begin to form an understanding of the program, or from room to room where transparency across spaces promotes strong connections between people and activities.





Jane Hilder

Master of Landscape Architecture

Advisor: Dietmar Straub

A mosaic of micro-landscapes: Finding a future in environmental education

When searching for a practicum focus, the intention was to engage with contemporary topics that deserve improvement in the practice of landscape architecture - including indigenous rights, environmental education, and design for disturbed landscapes. With these topics in mind, the site selected for design intervention was a 52,500 m² abandoned borrow pit, southwest of the town site of Grand Rapids, Manitoba.

One of many industrial landscape scars in Grand Rapids, the borrow pit was a result of the 1960's construction of the Grand Rapids Generating Station by Manitoba Hydro, and has been left to natural succession for over half a century. At the time of this writing, the site has undergone no official rehabilitation

procedures, practices which are now legally required of Manitoba Hydro. As such, the borrow pit represents a unique nature, both disturbed and untouched- an opportunity to explore rehabilitation practices and their potential to intertwine with community engagement; specifically, the elementary curriculum of Grand Rapids School.

The site was contextualized through extensive regional studies and site analyses, compounded with research regarding the culture and community of Grand Rapids. Drone surveys were conducted in the spring, summer, and winter seasons of 2016-2019, in tandem with ground photography and analysis. Drone documentation resulted in detailed aerial imagery, precise contour data, and a point cloud recreation of the site in virtual space. The extensive surveillance of the site was crucial in identifying and understanding the existing conditions. Through this understanding, the potential for the site to become a space for outdoor

education was revealed, and it was possible to develop a well-informed site design.

The resulting design represents a proposed future for the borrow pit in which nature may find a new form within a disturbed site, and the students of Grand Rapids may find an opportunity to engage in environmental education.

At a time when the planet is on the brink of environmental crisis, it is crucial that every individual foster within themselves a sense of care and duty towards the earth, and have the tools to translate those feelings into acts of environmentalism. By engaging children in nature from a young age, a sense of leadership and responsibility for the land becomes ingrained in their being. The adaptable approach to revegetation in this design allows the space for children to make positive changes to their environment, and help them understand that, through collaboration, they have the potential to make expansive changes in their community and beyond.





Kathryn McCudden

Master of Landscape Architecture

Advisor: Karen Wilson Baptist

Becoming Bison | Did a bison pass through the JAR courtyard? Did you see its traces on the academic green?

For thousands of years, bison were at the heart of the landscape that stretches across and beyond southern Manitoba. As the keystone species on the prairie, the disturbances caused by the passing of their hooves, not to mention by their appetites, maintained biodiversity across the Great Plains and kept the grasses healthy and vibrant.

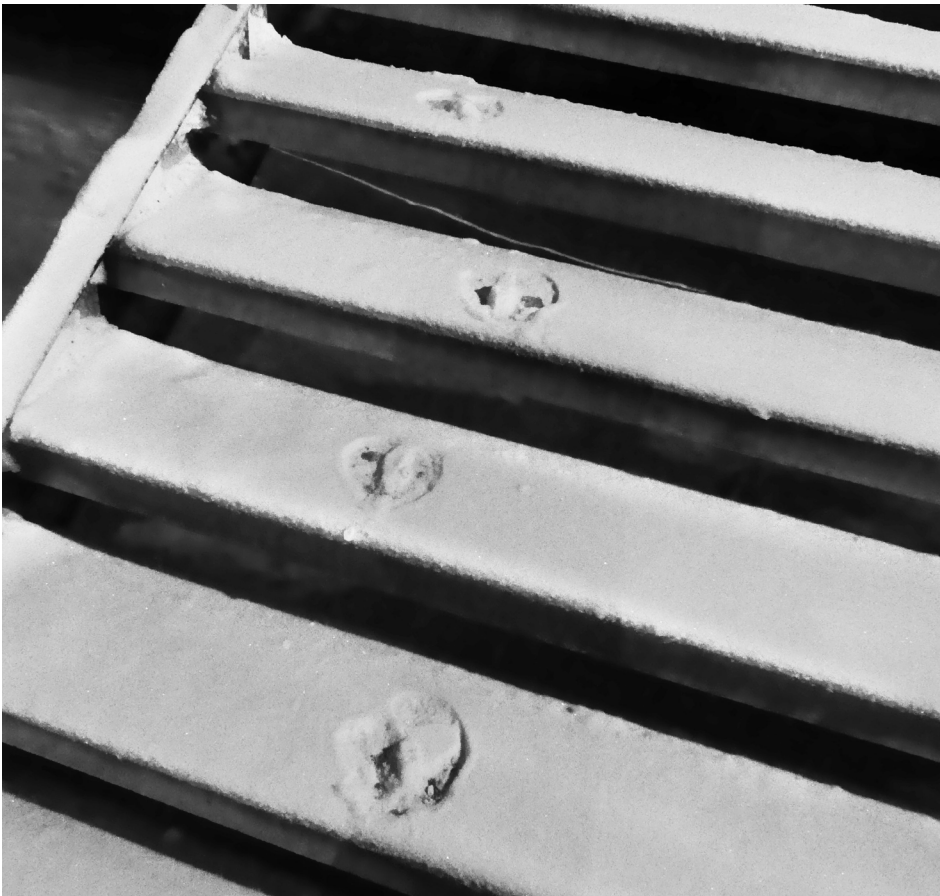
With the arrival of Europeans, the fencing in, and agriculturalization of the plains across North America, the bison were hunted and starved nearly to extinction. Their absence is one among many reasons that the great expanses of native prairie that once covered this region have suffered, and in many places been lost entirely. In Manitoba, 99% of tall grass prairie has been lost through a combination of factors, including its conversion to urban or agricultural land. Across Canada, approximately 74% of grasslands are gone.

The prairie that we have left is worth preserving, for deep and various reasons that span the ecological, economic, and social realms. But while a fraction of the original Canadian prairie remains, even parts of the prairie that were never tilled suffer without the bison. Grasses co-evolved with large herbivores, and they need to be eaten in order to thrive. Without regular mowing, burning, or munching, grasses grow tall, fade, fall, and block out the sunlight so that fresh blades of grass can't grow beneath them.

Today, cows help fill the role that the bison once played in the cycle of grass. Across the prairies there are ranches, parks, ecological reserves, crown land, and Indigenous land that together hold the remnants of a once vast and unbroken ecozone. In many of these places, cattle are playing an important role in the health of the grass. Be it for better or worse, humans are too.

Do the prints left in the early morning snow belong to bison? Do they belong to cows, who have largely inherited the role the bison played, and whose hoofprints are so similar as to be almost identical? Or are they human, pressed into the early morning snow with shoes made from studio scrap material, to transform the wearer's footprints to hoofprints. We can save the prairie we have left, but we have to learn to walk carefully on this ground. We have to transform our behavior, our consideration of the prairies, and our treatment of them. We must become bison.

Becoming Bison was an installation on the University of Manitoba campus in January, 2020, and was awarded the Joys of Landscape Prize for the 2019/2020 academic year. Funded by alumni and open to graduate students in the Department of Landscape Architecture, the Joys of Landscape Prize awards passion and advocacy for landscapes, based on a public act of social commentary and artistic expression.



PARTNERS PROGRAM

prairie

architects inc.

Prairie Architects Inc. continued to build upon its own principles of sustainability and this past year. Prairie Architects has a long history with high performance designs and incorporates sustainability into all of its projects. We approach each new design with sensitivity to the context and the history of the particular situation, and with an awareness of the possibilities of new functions, materials, and construction techniques. We strive for buildings with character, texture, and light to create environments with wholeness and delight, for people to live, work and play within. We continue to focus on delivering design excellence showcased in a number of significant projects completed for our valued clients:





Shoal Lake 40 First Nation new Elementary School is a design-build collaboration with Parkwest Projects Ltd., in Northwestern Ontario. Although the new school accommodates children from kindergarten to grade eight, it has been designed to accomplish so much more. A key design factor early in the design process was that the new 18,200 sf facility should equal more than the sum of its parts – it should bring added-value to the whole First Nation community as a multi-generational asset designed to be a vibrant and active community hub. The layout allows each of the classroom wings to be locked-off for after school events and the central heart of the building can effectively transform into a community centre, enabling the community to host sporting events and tournaments, ceremonial celebrations, harvest gatherings, Band Council and community meetings, festivals and derbys. This central heart has also been designed to operate as a before-school care facility, with a breakfast program and access to the gym and library. In addition, the design focuses on creating a “sense of home” and comfort in form and finish with avoidance of institutional connotations wherever possible. The project has also been designed as a teaching tool, allowing teachers to use the building and site to teach students about traditional language, with strategic placement and reinforcement of Ojibway throughout the building. The building also honours the Seven Teachings, by integrating graphic signage on walls and structures; and the construction process, with a story wall that showcases the community involvement in the design and construction of the new school. The facility is set to open in Fall of 2021.

Prairie is proud to be working with the **North End Women’s Centre** on the design of their amalgamated centre on Selkirk Avenue. The North End Women’s Centre is a not-for profit women’s resource centre founded in 1984 and facilitates opportunities for women-identified people in healing, wellness and capacity building through diverse community centred approaches. In their 35th year, NEWC is ready to begin the journey of building a beautiful new sustainable mixed-use building along side their existing building that would house their Up Shoppe (a very successful social enterprise thrift store), as well as their hub, gathering and drop-in space and programming space. Prairie is working with NEWC on their preliminary designs and then they will enter into a fundraising phase.



The Churchill Marine Observatory for the University of Manitoba is nearing completion. The Churchill Marine Observatory (CMO) is envisioned as an innovative Arctic marine observatory and technology incubation centre. When completed, it will allow direct and comprehensive observation of a complex natural eco-system and deliver cutting edge research of environmental variability. The new laboratory facility will use ambient Arctic conditions and natural seawater to grow and test sea ice which has been impacted by oil, liquefied natural gas, or other contaminants. CMO will be the only fully integrated facility of its kind in the Arctic and will simultaneously incorporate ocean, estuary, and atmospheric observation with contaminant platforms designed to study the ocean-sea ice-atmosphere environment. Prairie Architects worked with the CEOS team on initial studies and concept design for CIF funding and were awarded the job for full design services in 2015.

Driving Innovation | In 1948 in the town of Steinbach Manitoba, Peter Barkman and his two brothers, Edwin and Arnold, started a small plumbing and hardware shop that became Barkman Concrete. Starting with the honest goal of simply making a living, little did they know that their small business would grow into one of Canada's Best Managed Companies. Now, 70 years later, Barkman represents a multigenerational commitment to family-owned business excellence, with precast concrete products available in Western Canada and shipping Site Furnishings across North America.

the architects that design and specify vast urban parks and plazas, the commitment to these relationships and partnerships is the key to building better communities. That is why Barkman is so proud of the long-standing relationship that it has with the University of Manitoba.

Every year, Barkman hosts a design competition for U of M's landscape architecture students, challenging them to design a conceptual precast concrete product. Students are briefed on the challenge and given a tour of Barkman's production facilities to gain a better understanding

“BARKMAN’S DIVERSIFICATION HAS COME AS A RESULT OF A COMMITMENT TO THE INDUSTRIES IT SERVICES, ALWAYS ADAPTING TO MAKE ITS PRODUCTS AND PROCESSES BETTER.”

Barkman began its journey by inventing a precast concrete septic tank system that they made in the back room to fill a market gap. Now, Barkman has developed a large and diverse offering of products for countless applications and industries. Keeping innovation a priority, Barkman's diversification has come as a result of a commitment to the industries it services, always adapting to make its products and processes better. Today, because of the variety of products and the wide range of production capabilities, Barkman's innovation and agility has positioned them as an industry leader.

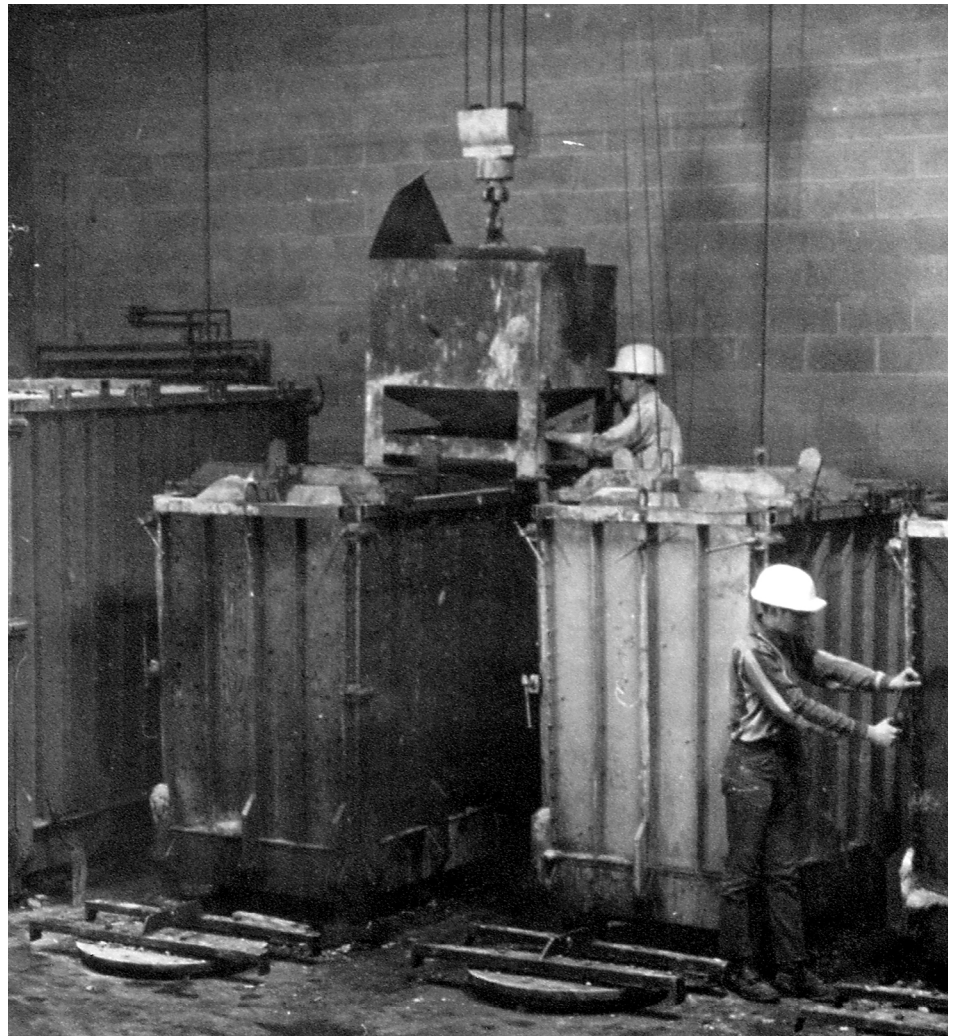
Along with continual innovation, Barkman believes that business is built upon loyalty. From the homeowner who enjoys their backyard patio to

of the versatility of concrete and its manufacturing processes. The competition provides exposure and valuable experience for the students who participate, not to mention the prize money that is awarded to the winners. In exchange, Barkman has the privilege to engage with the creative young minds who will ultimately shape the future of the architectural industry.

Company President Alan Barkman remarks, “since the beginning, Barkman has promoted an environment of innovation and loyalty. Now, with the University of Manitoba, Barkman has been given the opportunity to share those values and contribute to the education and experience of young architects. Thank you for allowing us to join you on your journey.”



barkman™



PIDIM

Katherine Isaac, MID, PIDIM

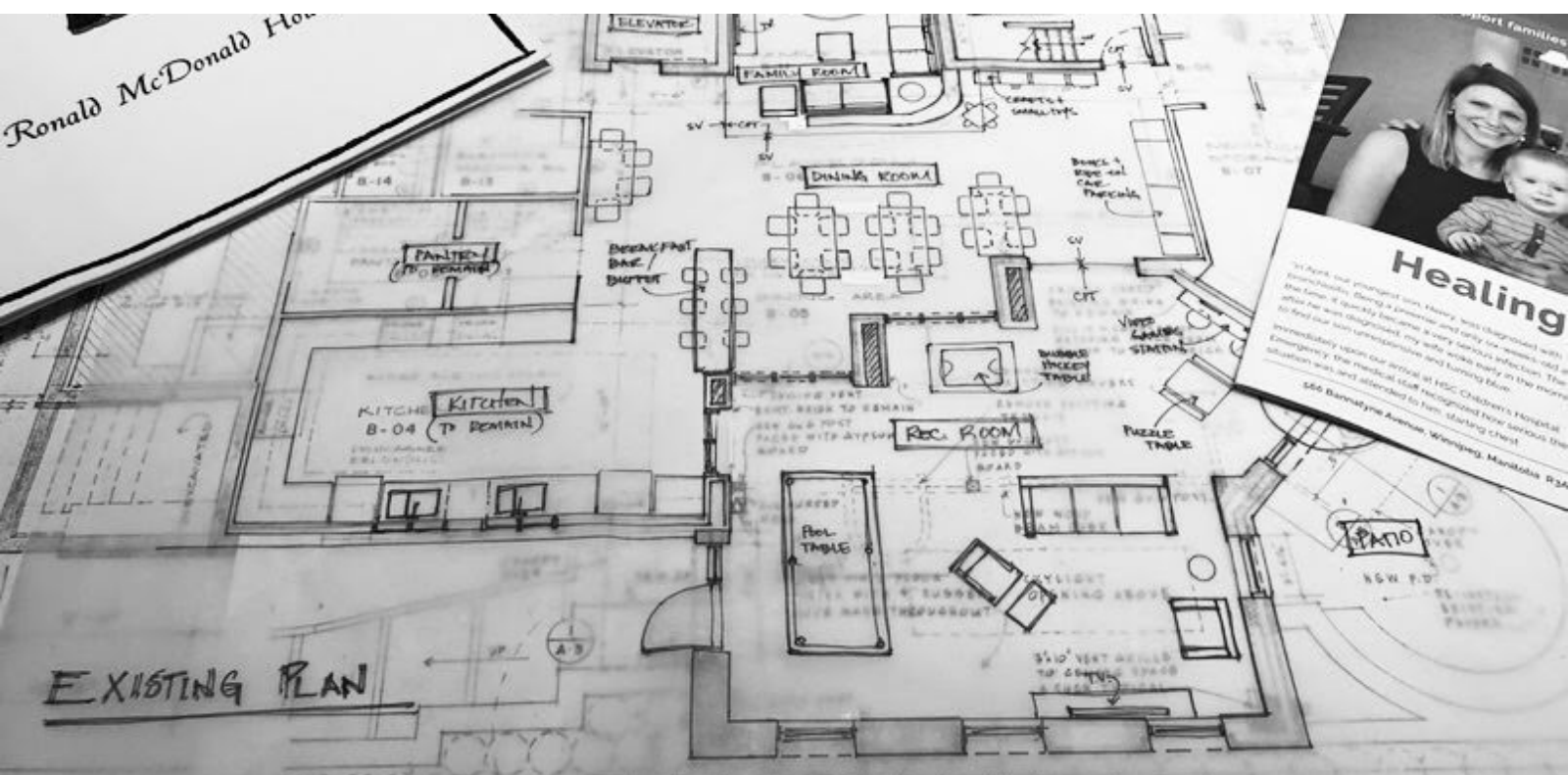
THE PROFESSIONAL INTERIOR DESIGNERS INSTITUTE OF MANITOBA: A 65 YEAR COMMITMENT TO INTERIOR DESIGN IN MANITOBA

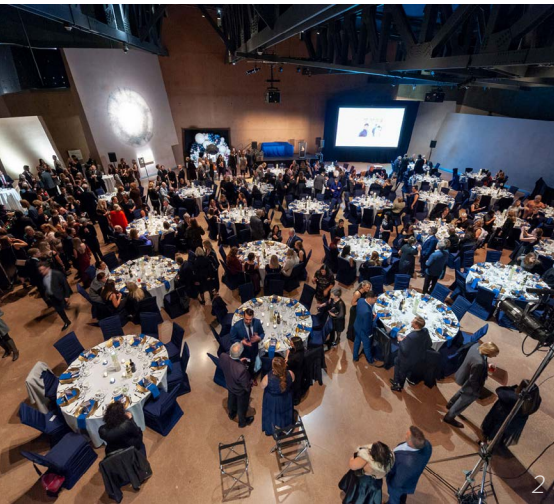
2019 marked the celebration of The Professional Interior Designers Institute of Manitoba's 65th anniversary. As most anniversaries do, this one provided an opportunity to look back at the stewardship of the organization through the years, to acknowledge our achievements, and to consider our priorities moving forward.

The Professional Interior Designers Institute of Manitoba (The PIDIM) is committed to enhancing the practice of Interior Design in Manitoba, and to educating the public about the benefits of Interior Design. As a professional body, its aim is to improve quality of life, and to protect the health, safety and welfare of the public through the design of the interior environment. It should not come as a surprise that, as one of the first such professional organizations focused on interior design to emerge in Canada, it was conceived by a group of University of Manitoba students attending an early version of what is today the Masters of Interior Design Program. Back in 1949, it was this group of committed students who, transitioning from their university program into practice, formed the 'Interior Designers Institute of Manitoba' or IDIM.

In 1954, determined to garner official recognition for the profession, IDIM successfully petitioned the Manitoba Government, and through the 'Interior Design Act', bylaws were established. The evolution to 'The Professional Interior Designers Institute of Manitoba' occurred in 1982 when Manitoba became the second province to enact legislation creating the Interior Design Profession. A Titles Act limited the use of the term "Professional Interior Designer" in our province, and The PIDIM would be responsible for professional development, admission standards, and ethical conduct moving forward. 2019 marks the 65th year of The PIDIM's official, government sanctioned role as first embodied in the 1954 act. Today we continue to represent interior designers across the province, striving to meet and exceed the expectations of our membership. We work to educate the public, and collaborate with allied organizations to anticipate the future realities of regulation and advocacy, in what is an increasingly complex and demanding practice.

(Photo credits: Priscilla Mah)





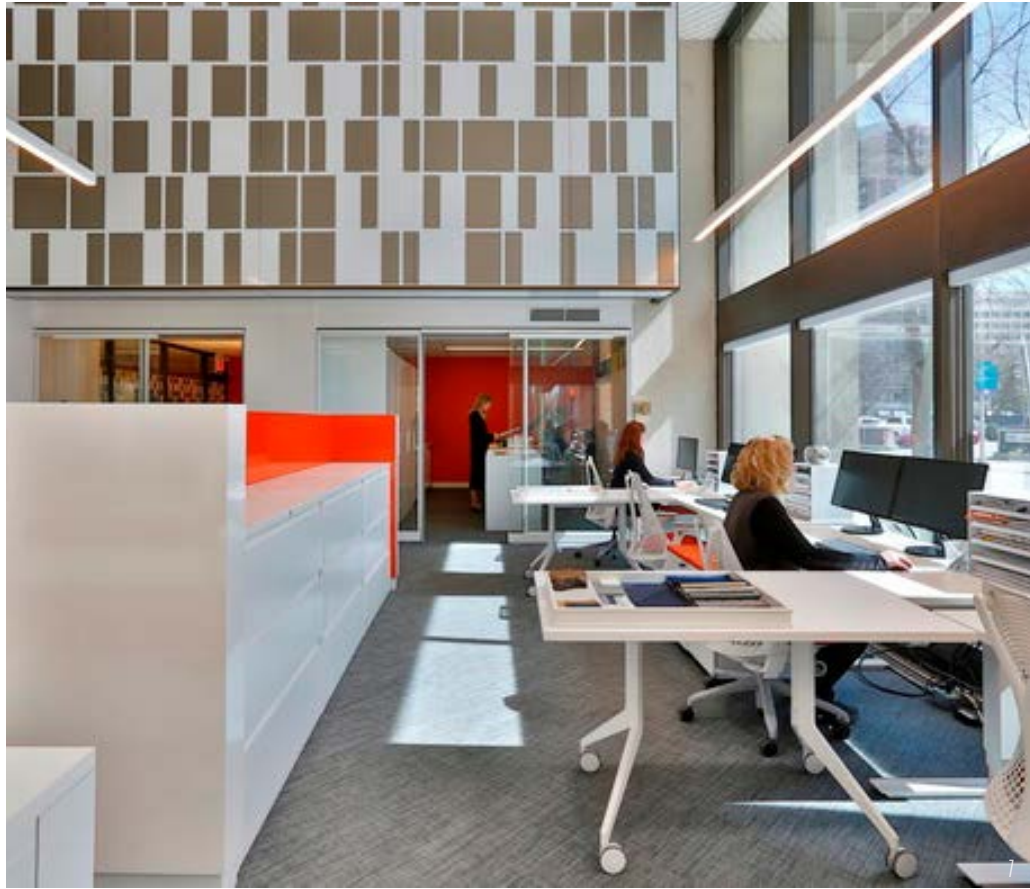


In celebration of all that the organization has achieved, The PIDIM held a black-tie anniversary gala at the Canadian Museum of Human Rights on Thursday October 17, 2019. As part of the Gala, The PIDIM also hosted the Manitoba Alberta Saskatchewan Interior (masi) Design Awards for the first time, to celebrate and recognize the talented professionals in the interior design industry from across the Prairies. With 270 guests in attendance from across the country, The PIDIM also celebrated three Legacy members: Cynthia Coop, Leland Finch and Margaret Stinson were recognised for their service to The PIDIM over the years. Brian Everton was also inducted as a Fellow of The PIDIM for his service.

Prefacing the gala event, The PIDIM hosted its annual trade show, the Manitoba Design Exposition (MDE), incorporating the Dale Henwood lecture into the afternoon of continuing education events that accompanies the show each year. This year's lecturer was UM alumna Heidi Painchaud, partner at iNStudio Toronto. Her lecture, "Process Makes Perfect", presented the firm's 'healthy client process' and discussed lessons accumulated across her 25-year career.



1. Stephen Lamoureux BID 1994 - by Douglas Little Photography
2. By Douglas Little Photography
3. masi Design Award - by Thom Fougere Studio
4. masi Design Award - by Thom Fougere Studio
5. Interior Design Association Provincial Presidents and Staff - by Douglas Little Photography
6. Newly inducted legacy members (left to Right) Cynthia Coop, BID 1967, Margaret Stinson, BID 1964, and Leland Finch, BID 1965. By Douglas Little Photography
7. RIDI staff team - by Douglas Little Photography
8. Presentation of Fellowship to Brian Everton, left to right, Lindsay Nesbitt, MID 2008, The PIDIM President, Brian Everton, BID 1979, and Bruce Wardrope, BID 1976, The PIDIM Government Liaison, by Douglas Little Photography





As The PIDIM looks ahead to the next 65 years of interior design in Manitoba, we are focusing on the expanded demand for the regulation of the profession, and following in the successful attainment of practice act legislation in the Atlantic provinces, we are actively lobbying for the same here in our province. Additionally, the organization has undertaken three new initiatives to address gaps in The PIDIM's service offerings: a formal mentorship program supports new members as they transition to full professional membership, an alternative pathway to registration (initially designed and piloted by the Association of Registered Interior Designers of Ontario) has been adopted for potential members who fall outside of the typical path, and finally, formal opportunities to hone code competency for our professional membership through continuing education has been designed with Red River College.

65 years of commitment and hard work invested in interior design in Manitoba have established The PIDIM as a highly respected organization, and it continues to lead in the development of the profession in Canada. Our current pandemic context may currently feel uncertain, but there is a dedicated board representing an active and motivated group of practitioners in this province.

For more information on The Professional Interior Designers Institute, please see: www.pidim.ca

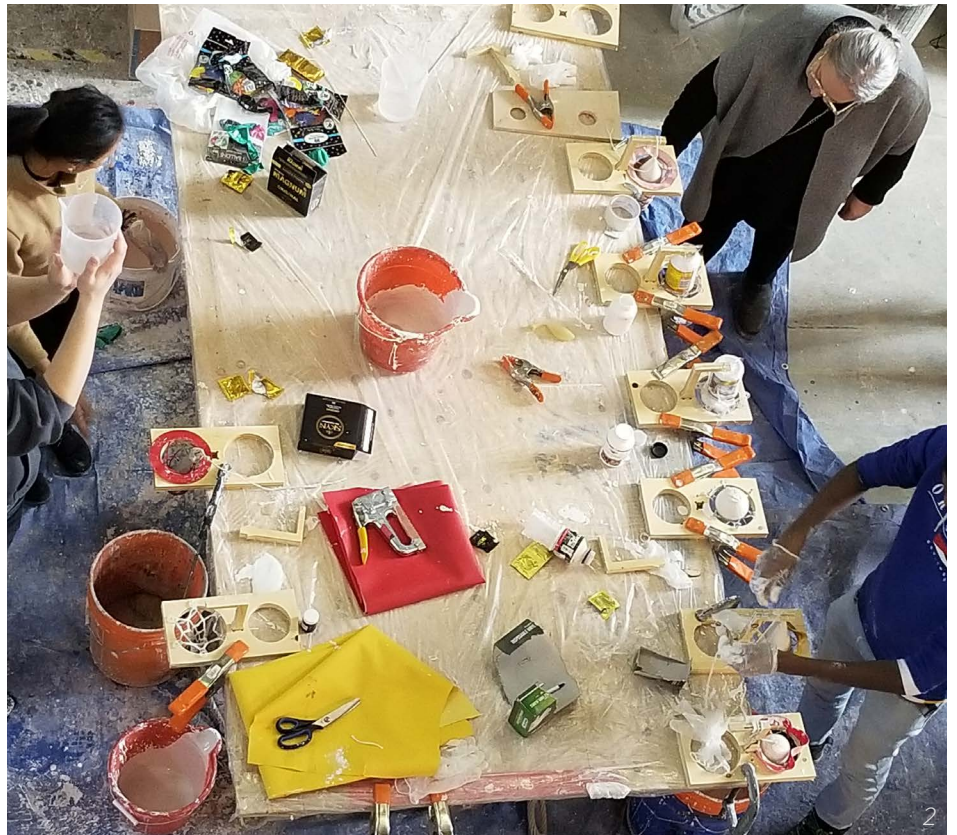


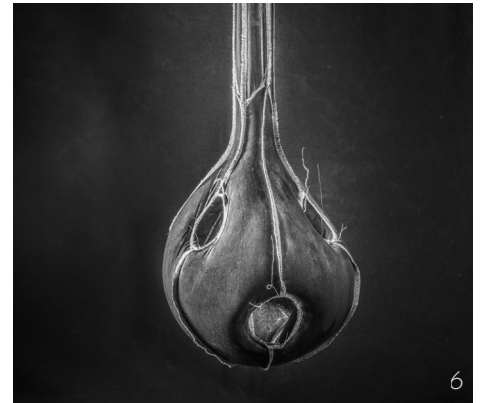
In addition to these targeted initiatives, The PIDIM's Professional Development Program (PDP) continues to provide educational opportunities for the membership, and under our current pandemic conditions, challenge us to find new ways to engage. Active involvement with the University of Manitoba Department of Interior Design and its students is on ongoing commitment, and through our annual Fall Welcome Back Session and Spring Meet and Greet, as well as guest lectures and studio critiques, both the organization and its individual members devote time back to the program. Other programming includes community outreach through pro bono work, such as the most recently completed consultancy to Ronald McDonald House. The PIDIM also participates in allied organizations like StoreFrontMB and the University of Manitoba's Partners Program as a means of contributing to the expanding conversations around the roles of design in our everyday.

1. Office Under \$80/sq ft – Cindy Rodych, RIDI Photography by Brian Gould Photography
2. Residential Renovation under \$300/sq ft – Kristie Spencer – 1x1 Architecture Photography by Lisa Stinner-Kun
3. Multi Family – Joanne McFadden, ft3 Photography by Leif Norman
4. Retail – Ivy Bricker, Number Ten Photography by Mike Pratt

CONNECTIVITY

DEDICATING
TIME TOWARDS
THIS CRITICAL
REFLECTION OF
THE PAST ALLOWS A
REORIENTATION AND
CONTEMPLATION
OF C.A.S.T. IN
THE FACE OF
RAPIDLY EVOLVING
TECHNOLOGIES,
ENVIRONMENTAL
RESPONSIBILITIES,
AND PEDAGOGICAL
SHIFTS





C.A.S.T.

Liane Veness

Reflecting over the last academic year, we can most notably observe that C.A.S.T. was successful in its efforts to deliver an assemblage of provocative research projects and awe-inspiring collaborative work.

In a span of only 7 months, over 75 graduate and undergraduate students participated in several explorative activities ranging in scale, scope, and theoretical approach. Beginning the year with a rigorous four-month collaborative undergraduate design/build project, assembling twin sets of robust ice fishing huts destined for a frozen Ontario Lake (fig.3,4) and concluding with an intensive, 7-day workshop directed by artist and architect, Philip Beesley, wherein 30 participants designed and curated a stimulating 1:1 assembly of delicately cast manifolds supporting a suspended sea of interactive polymer figures and filaments. (fig.1,2,5).

As well this year, through the generous support of our industry partners, most notably, the Canadian Precast/Prestressed Concrete Institute (CPCI)

our C.A.S.T. research in residence program was able to invite Frederik Peterson, a focused researcher from Denmark, to explore Compactos and Inflatables in Fabric Formed Pre-Cast Elements. (fig.6) During his time in C.A.S.T., Frederik worked collaboratively with both students and faculty, offering challenging and energetic workshops, contributed to studio discussions and reviews and presented a public lecture on photography, as it relates to the creative processes in architecture.

Concluding this academic year with an abrupt and unexpected break as we “settled” into the pandemic lockdown, C.A.S.T. took advantage of the “extra” time to initiate the curatorial development of a C.A.S.T. Legacy Publication. This publication endeavors to compile and assemble the long and extensive history of research work that has taken place in C.A.S.T. over the last 20 years. Dedicating time towards this critical reflection of the past allows a reorientation and contemplation of C.A.S.T. in the face of rapidly evolving technologies, environmental responsibilities, and pedagogical shifts. The anticipated launch of the publication is planned for Spring 2021.

1-2. Photo Credit: Tong Yue.

Responsive Kinetics Workshop: Collaboration with Philp Beesley and The Living Architecture systems group (LASG). The workshop centered around strategies for creating substantial constructions while consuming minimal materials, introducing participants to form-language systems; fabrication methods for skin (forming), skeleton (plaiting), and fabric formed castings. 3-4. Photo Credit: Hanna Hendrickson-Rebizant. Lake of the Woods Twin Ice Fishing Huts. ED3 and ED4 studio collaborative design build project.

5. Photo Credit: Tong Yue. Responsive Kinetics Workshop: Collaboration with Philp Beesley and The Living Architecture systems group (LASG). The workshop centered around strategies for creating substantial constructions while consuming minimal materials, introducing participants to form-language systems; fabrication methods for skin (forming), skeleton (plaiting), and fabric formed castings.

6. Photo Credit: Frederik Peterson. Structural Anthropometries_Elastic Formwork Workshop: Directed by Frederik Peterson. Two day fabric formwork casting workshop exploring plaster casting, and pattern making.





Kin Huts

Eduardo Aquino | ED3 & ED4 Architecture

History of fishing in Lake of the Woods dates back thousands of years, and the intimate connection between nature and people remains strong. The goal of designing two ice fishing huts was to create a conversation between architecture and nature, winter and summer, and each other. For the Fall term 2019, the ED3/AMP and ED4 studios collaborated in a design-build project of two matching ice fishing shacks commissioned by Lake of the Woods Brewing Company, located in Kenora, Ontario. Led by professors Shawn Bailey, Shawn Sinclair, and Eduardo Aquino, the Kin Huts—as they were named—are a sister pair of ice fishing shacks, each equipped with a room for fishing and sleeping, with fire-burning stoves and storage, in addition to beer serving stations. Created to expand a social space for the community of Kenora, the huts were designed to receive groups of guests, helping to promote the social and cultural activism of the company through the long-running tradition of ice fishing. With adjustable windows, the huts can also function as mini cabins for summer rentals. Clients Taras Manzie and Denise Lysak envisioned the huts to reflect the company's social and environmental mandate by maximizing the adaptability of the spaces, as well as using sustainable materials in its construction. Their slogan, "Make it lake time," was reflected in the overall aesthetic of the huts as they created several opportunities for different space arrangements.



During Kenora's sleepy winter months, ice fishing brings the city to life. People come together ice fishing atop the frozen landscape, spending hours socializing and drinking beer. Just south of the border, an ice fishing competition attracts thousands of visitors, with more participants every year. The region has struggled to bring tourists in winter months, but a new era of ice fishing and other winter sports is on the rise, supporting the local economy. The company cares about the environment, and as good stewards, they are constantly striving for a healthier, greener planet Earth. As such, the huts were built with repurposed plywood, insulation, and wood studs to minimize the environmental footprint it created.

The architectural design of the huts was a result of a process that sought the integration of the structures into the frozen landscape of the lake. With simple geometrical lines but a complex composition for the openings, the ice fishing shacks' design intended to adapt to the landscape conditions by incorporating the natural light, and by providing an efficient mobile system through the Teflon-clad skids. The Kin Huts became mirrored images of each other, with only two identifiable variances: one hut was clad with clear treated cedar while the other with burnt cedar, through the Japanese technique of Shou Sugi Ban. Each cedar plank was burned, then treated with linseed oil to encase the charcoal. Simple but high-quality wood finishes created a warm and inviting atmosphere. In the interiors each bench folds open into a 3-foot wide bed, with storage beneath that's accessible from the inside and the outside. Each hut was equipped with a locally fabricated wood-burning stove to provide heat. Long, narrow windows were designed to give seated fishers a panoramic view of the landscape, while the fluted polycarbonate skylight channeled bright light into the space.

The desire for togetherness and access to nature runs deep in the culture of Kenora. While almost all tourists visit during the summer, locals invite visitors to see the city as a year-round destination for outdoor activities. With snowmobiling, ice fishing, and other winter sports becoming more popular in the region, the Kin Huts animate the sociability during the quieter months, helping to foster a sense of community and "lake time" feel year-round.



Cloud of Unintended Consequences

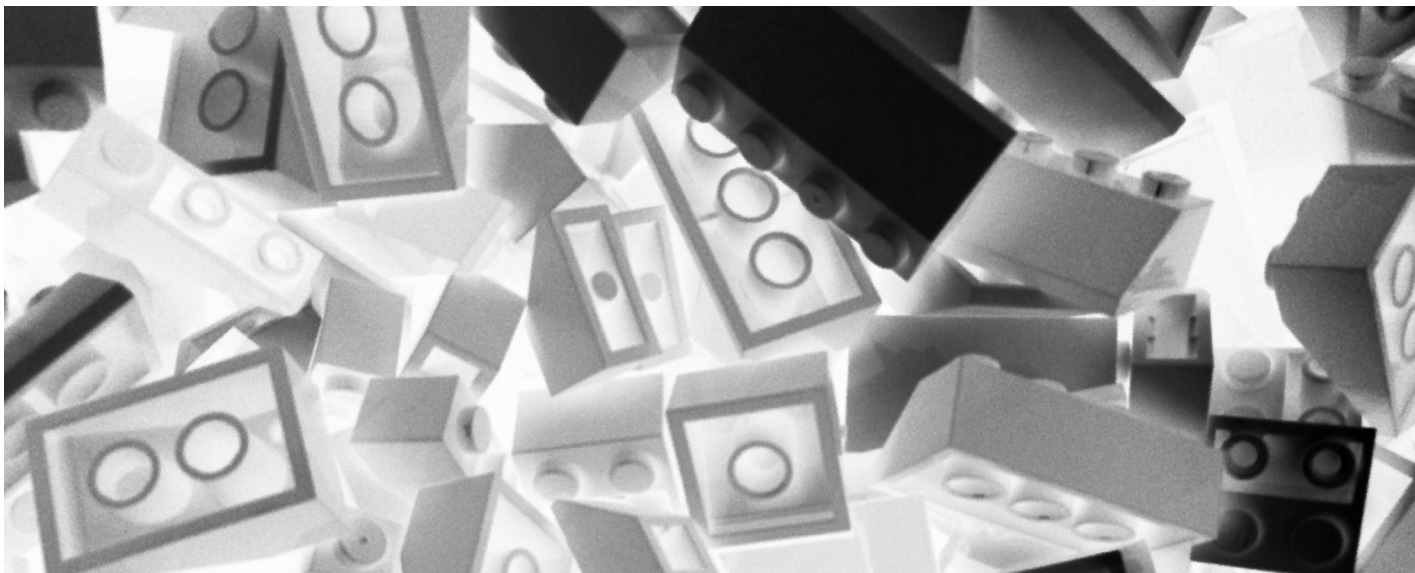
Eduardo Aquino | ED3 Architecture

Cloud of Unintended Consequences is a collaboration between internationally renowned Winnipeg artist Eleanor Bond and third-year students from the Department of Architecture, University of Manitoba. In her work, Bond has a particular interest in the built environment and the interpretation of public space. The idea for the project started with the prospect of re-using a material that is quite common in our everyday lives: single-use plastic bags. The intention of the project is to confront a troubling image of waste in the face of out-of-control consumption and environmental destruction. The transformation of an everyday material into a cloud-shaped object suggests the conversion of ecological damage caused by reckless consumerism into something more optimistic or poetic, such as a cloud. The visitor can contemplate the object from the outside and as well from the inside, by inserting "the head into the cloud." The project intends to raise a collective environmental awareness by using the poetic language of sculpture to this effect. All the plastic used in the project will be recycled by local company and transformed into composite construction blocks.

Eleanor Bond with Nicola Basford, Stacey-Leigh Berrington, Lexi Brennan, Cassidy Cantafio, Rochell Castillo, Chelsea Colburn, Paige Coleman, Maximilian Eschuk, Matthew Evans, Nixon Garcia, Nurielle Gregorio, Carter Hague, Jami Holden, Ali Impey, Ifta Khairul, Benita Kliwer, Teresa Lyons, Michael Mandac, Renz Marinas, Stephen Meijer, Dylan Moll, Benjamin Mujuni, Kenyo Musa, Marlon Nartea, Cao Nguyen Thai, Giordana Nocita, Emma Onchulenko, Ahmmad Ridan, Kate Sherrin, Micaela Stokes, Bailey Taylor, Hannah Thiessen, Owen Toth, Kirsten Wallin, Rhys Wiebe, Kendra Wile, Jack Ziemanski, and instructors Eduardo Aquino, Chad Connery, Terri Fuglem, and Liane Veness.







Product Catalogue Collection

Suzanne Therrien-Richards

The PCC continues to be an invaluable resource for students and staff in the Faculty of Architecture. The PCC has focused on remaining current by bringing in new and innovative products for interiors and exteriors. Sustainability is also a key factor that is considered when introducing new products to the PCC.

New innovative products include a line of wall coverings that also performs acoustically; acoustic panels of varying thicknesses manufactured from 100% felt; architectural glass for interior or exterior applications; designer sheet metal available in a variety of colours, patterns, thicknesses and finishes; flexible metal woven fabrics for interiors and exteriors; and acrylic samples embedded with natural products.

Recently, sustainable products that have been introduced to the PCC include shingles manufactured in Calgary from recycled tires; fabrics composed of hemp and wool; stabilized aluminum foam samples made of 100% recycled aluminum; underlayments manufactured from 100% recycled rubber; natural stone products including Tyndall stone and agate; marmoleum flooring manufactured from linseed oil, wood flour and jute; leather products made entirely from recycled leather; and so much more.

The PCC also regularly hosts Lunch and Learn sessions, with representatives from Granite Mountain, Corian, Daltile, Benjamin Moore and Panolam Surface Systems having provided information sessions on their products and new applications in the past. More sessions will be planned if possible in the upcoming year.

Other products have been updated with the newest product lines; the latest designs can be seen in the carpet, fabric and wood laminate samples.

The PCC also offers a collection of Lego samples for students. A variety of baseplates and bricks can be signed out to create and test design, as stated by Bjarke Ingels:

The PCC invites you to drop by, brows and play.

“FOR ME THE LEGO
BRICK EMBODIES
THE NOTION
OF SYSTEMATIC
CREATIVITY—THAT
THE RIGOUR AND
RATIONALITY
OF THE LEGO
BRICK ALLOWS
CHILDREN OF ALL
AGES INFINITE
POSSIBILITIES TO
CREATE THEIR OWN
WORLDS AND TO
INHABIT THEM
THROUGH PLAY.”

– Bjarke Ingels



Student Ambassadors

Student ambassadors are meaningful and engaged students who will play an integral role played by volunteering their time to promote the faculty. Students are the “face” of the Faculty at various events and serve as a strong link between their academic program and prospective students, as well as the community.

Student Ambassadors participated in events such as Cross Cultural Student Lunch, Atmosphere and Year End Exhibition. They shared their knowledge of their respective degrees and programs, the application process and living in Winnipeg with new and prospective students.



2019-2020 Student Ambassadors
(from top to bottom):
Brittany Hince-Siwicki
Roxanne Pelletier
Cassidy Cantafio
Deveney Jarrow

Not pictured /
Symrath Bali
Conrad Jabo
Rachael Laird
Shaheer Saad



The Faculty thanks our student ambassadors for their time and dedication to the promotion and growth of the Faculty of Architecture.





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www.warehousejournal.org
warehousejournal@gmail.com

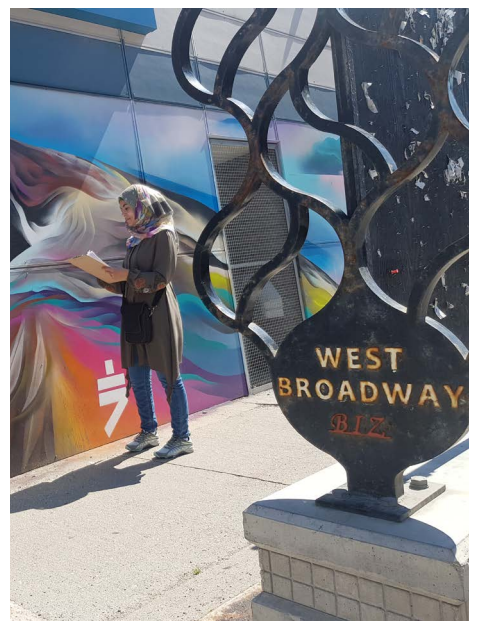
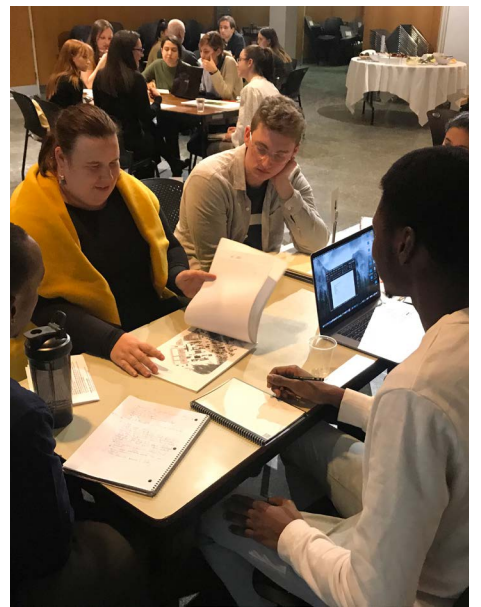
Warehouse Journal

Volume 29

Established in 1992, Warehouse Journal began as a small publication with the intention of providing a venue for critical design discourse and ideas by students and staff within the University of Manitoba's Faculty of Architecture. Over the past 29 years, Warehouse Journal has continued to foster dialogues within the faculty and greater design community through the exhibition of select yearly student and staff work. The journal exists both as a physical publication and platform to celebrate the accomplishments of its contributors, as well as a space to interrogate new and existing ideas from within the faculty's various interdisciplinary departments.

The Warehouse Journal maintains a consistent presence within the design community through the hosting of competitions and events. Warehouse's integration within the Winnipeg design network has given the publication opportunities to be a part of cultural events and showings at places such as the WAG, table for 1200, GOSA Gallery, etc.

The journal has also won numerous awards for graphics and publication including Volume 24's & 25's claim of the Alcuin Book Society's Second Place in their category, a Manitoba Book Award for General Illustration, and the Applied Arts Magazine's Complete Design Award.



Co-operative Education / Integrated Work Program

Lisa Landrum

Summer 2020 was a challenging time for employers and students around the world – Winnipeg included. The global pandemic was declared on March 11, just as design students were honing skills and setting sights on potential jobs. While government-supported subsidies eventually provided some relief, many anticipated Co-op positions were understandably withdrawn as everyone mobilized to adapt to difficult and uncertain situations. Nevertheless, we are very pleased that a handful of outstanding opportunities were offered and seized by Faculty of Architecture students.

Work term placements in summer 2020 ranged from landscaping design and project management to technical support for the window and door industry. Remote work positions also included communications and graphics, housing research, planning analysis and community engagement. In one case, a summer 2020 Co-op position provided a unique opportunity to advance new planning skills while expanding previous filmmaking experience. Read more about Hillary Beattie's work with Narratives, [here](#). For another student, summer 2020 was the exciting culmination of a year-long professional adventure working in the Northwest Territories, at the Yellowknife location of Stantec, the award-winning global architectural and engineering firm. To learn more about Fatima's Naeem's experience designing long-term care facilities and collaborating with diverse consultants during three consecutive work terms with Stantec, see the UMToday story [here](#).

Career Development

While we did not increase the number of work term placements this year, all of the 79 students who enrolled in the program benefited from participating in career-development workshops. These sessions offered in January cover interview skills, networking and professional communications, as well as resumé composition and cover letter writing. On January 29, 2020 we hosted our second-annual optional portfolio workshop, involving fifty Co-op students and nine professionals, who mentored students via personal feedback, candid counsel and inspiring example.

We are especially grateful to landscape architect Monica Giesbrecht and architect Karen Shanski for providing detailed comments to all the students on what they look for when interviewing applicants. We also extend our sincere thanks to the participating professionals who joined the table discussions from the following design firms: Architecture49, BLDG Architecture Office Inc; ft3 Architecture Landscape Interior Design; HTFC Planning & Design; Number TEN Architectural Group; Pico Architecture Inc; Rodych Integrated Design; and Thom Fougere Studio.

Students appreciate this portfolio session for the opportunity to have meaningful and instructive encounters with potential employers. We look forward to continuing and strengthening such events and growing the opportunities for partnerships between our Faculty and industry professionals.

Experiential Learning for all Disciplines

Launched in 2018, the Faculty of Architecture's Cooperative Education / Integrated Work Program option is designed to complement academic study with experiential learning. Work terms help students sharpen skills, broaden perspectives, consider future career specialization, and develop as emergent professionals and entrepreneurs.

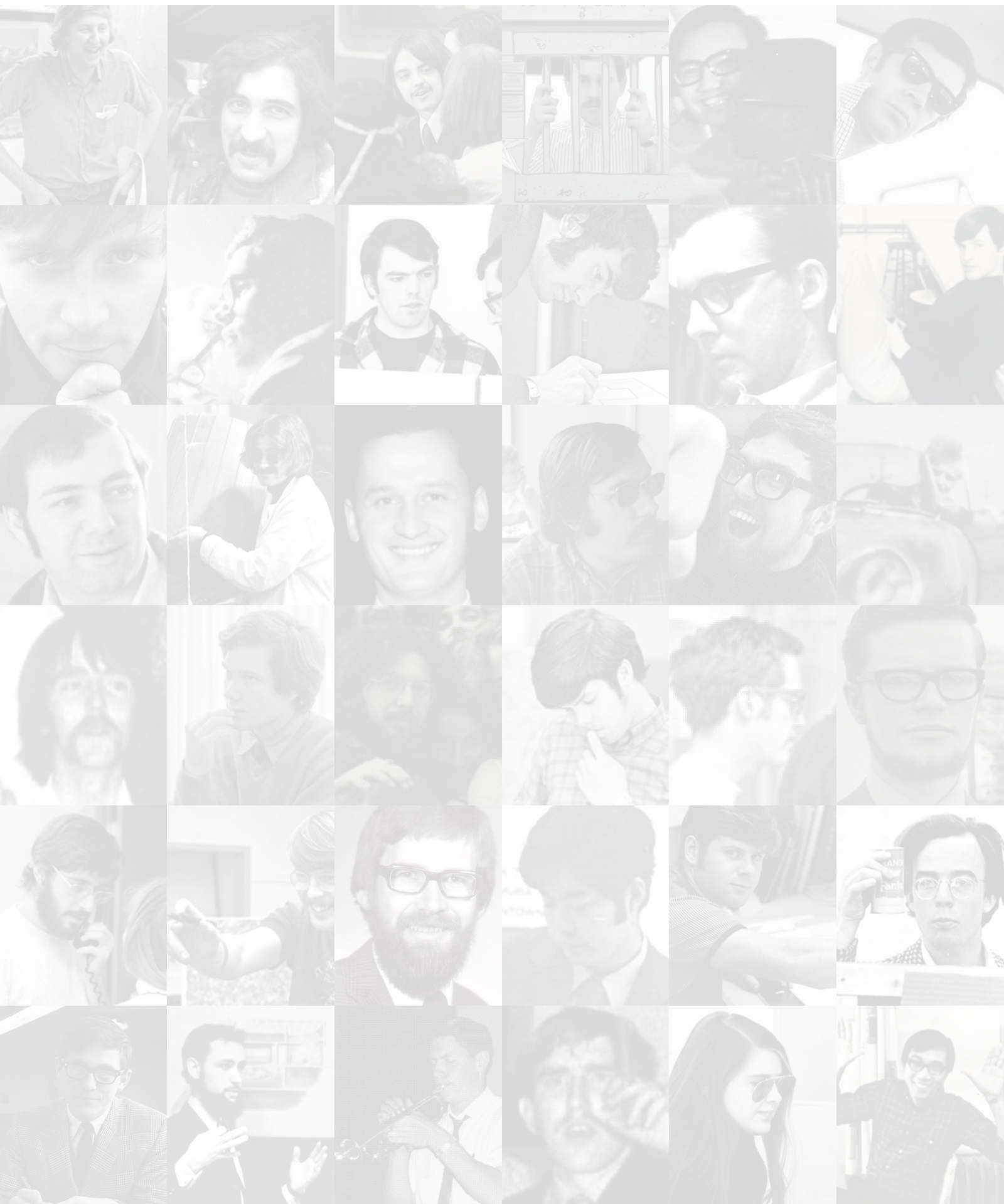
Co-op is open to both undergraduate and graduate students. Eligibility extends to students in their third or fourth year of study in any Bachelor of Environmental Design stream (Architecture, Interior Environments, and Landscape + Urbanism); as well as students in the Architecture Master Preparation program; and graduate students in any professional Master's program (Architecture, City Planning, Interior Design, and Landscape Architecture).

Hire a student

If you want to diversify your team with skilled student assistance and help mentor the next generation of design and planning professionals, please consider posting a work term opportunity with our Cooperative Education / Integrated Work program. Our program meets the province of Manitoba's definition of Co-op, making employers eligible for the Manitoba Paid Work Experience Tax Credits. To find out more, visit the Faculty of Architecture website or email the Co-op/I Coordinator, Corrine Klekta, at faucoop@umanitoba.ca

Thank you to the 2019-2020 participating employers:

Brown and Sons Construction, Selkirk
Silex Fiberglass Windows and Doors, Winnipeg
Stantec, Yellowknife, North West Territories
Narratives Inc., Winnipeg
University of Manitoba, Winnipeg
West Broadway Community Organization, Winnipeg



QUARANTINE GOLD

Stanley Britton, BArch/71

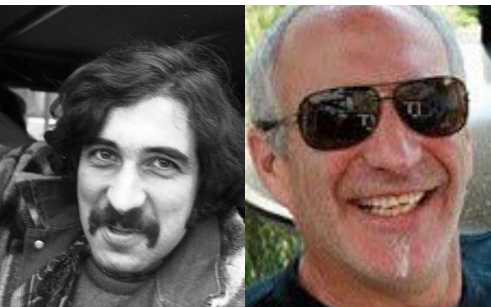
2020 commemorated the Golden Anniversary of the nominal dates of convocation for the last recipients of the five-year professional Bachelor of Architecture degree of the late-Dean John A. Russell era. Nominal in that of the 110 men and women who comprised the final intake in 1965 less than a third (all men) actually made it to graduation and of those approximately half slipped a year for want of a repeat design studio. Appropriately, then, 2021 will host the anniversary reunion to give reverence to this passage of last rites, bridged to 2020 by three dozen alma mater takeaways written by alumni socially distanced by the COVID-19 pandemic.



Kirk Banadyga, BArch/71

The Provincial Architect for the Government of Saskatchewan and a RAIC Past-President residing in Regina, SK

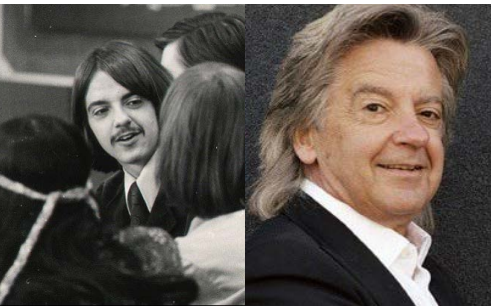
"As a small town Saskatchewan boy the experience at the U of M was transformative in so many ways, personally and professionally. My result has been life-long friends scattered across the globe and developing the confidence and skills to tackle the challenges that life and the architectural profession can throw at us. All a tribute a common place and time 50 years ago."



Harvey Bernbaum, BArch/71

an-Architect-in-practice in Calgary, AB

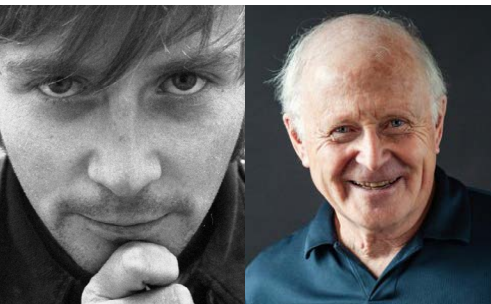
"My biggest takeaways from the U of M : Relishing the creative process, combining music with designing and drawing. Equally, experiencing the synergy of working with other similarly creative minds in developing concepts and refining the vast array of details. Overall, introducing me to the love of architecture, how exciting it is to build and the great rush of enjoying the final product."



Christopher Bozyk, BArch/70

an-Architect-in-practice in Vancouver, BC

*"I wanted to be an Architect from the age of eight, but I was not a very good student. The first three years all I tried to do was figure out what the Prof's wanted. I failed miserably! Then, during thesis year, Jacques Collin dropped by to give me a crit. He started belittling. I looked up at him and told him to 'f*** off'. He looked at me and said: 'You get an A!' That was the big moment of my architecture education. It taught me to believe in myself and set my adventure for the next 50 years."*



Stanley Britton, BArch/71, MA/94

a Military Engineer and a Shelter Strategist for non-profits, the Alumni-lead of Canadian Architects' Legacy Fund in Nepal, and the five BArch Last Rites Reunions Facilitator-in-Chief residing in Wakefield, QC

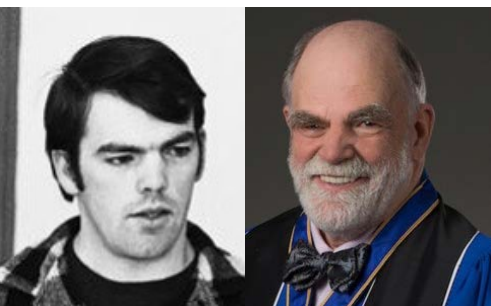
"My mid-career mentor categorised me as being a person of irresistible impulse. Slow to ponder. Quick to engage. Persistent to a fault. The product of an institutionalised design studio."



Malcom Candler, BArch/71

a Vancouver Architect now in retirement in Qualicum Beach, BC

"My uncle was a pattern maker. My Dad, a farmer, had an innate sense of fit and assembly. Both had "build" in their makeup. These traits were imparted to me. Prior to my first year, I built a racing sailboat - design and fabrication under real conditions. The discipline gained at U of M was an immersion in the "how-to" required to make buildings happen; not physically but the process. There are few sequences in my life that compete with the strength of the memories of my time at U of M, assisted by delightful Winnipeg winters."



Michael Cox, BArch/71

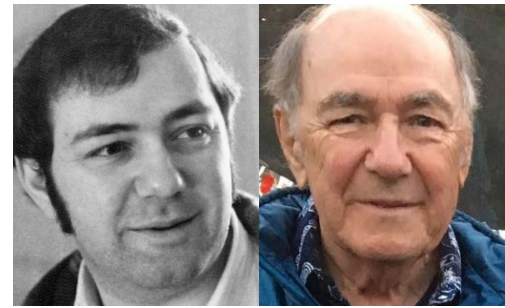
RAIC and MAA Past-Presidents and an Architect-in-practice in Brandon, MB

"All the important takeaways from my time at the U of M are summarized in the sub-title of a publication once distributed to Canadian pilots as the Aviation Safety Newsletter - 'Learn from the mistakes of others; you'll never live long enough to make them all yourself."

Peter Diamant, BA/63, BArch/70, MSc/73

A former Chair of the Manitoba Municipal Board, a Deputy Minister of Urban Affairs and a City of Winnipeg Councillor in retirement in Victoria, BC

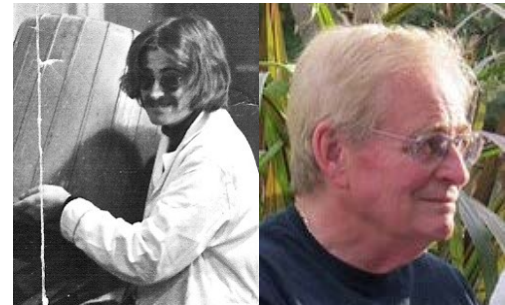
"As a teenager who started an English and Philosophy degree in the late fifties, and as a married student who worked for two years before starting Architecture in the mid-sixties, two decades, two universities and two different courses influenced my thoughts on life. While the fifties focused on rational thought and a search for order, the sixties focused on intuition and a certain amount of chaos. And if there is a take-away from my five years in Architecture it is the importance of balancing logic and free-flowing ideas. Both served me well in my professional career and my personal experiences."



James Dykes, BArch/70

an Architect-in-retirement, the founding President of Sustainable Labs Canada and a former university Planning & Development Director residing in Victoria, BC

"I discovered that there is good reason for attending university: to learn all about a specific field of study, such as architectural design. Then there is the real reason: to learn life's lessons on how to interact with others, meet new friends with common interests and how to deal with the reality that life is not always fair."



Brian Eldred, BArch/70 (1941-2019)

AAA and RAIC Past-Presidents and a Champion of the Canadian Architects' Legacy Fund in Nepal at peace in Wilcox, SK

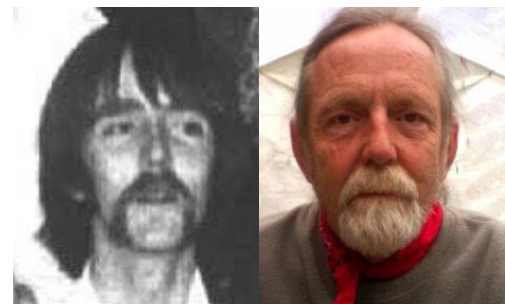
"Graduation - now on to the real world to impart everything learned at the U of M. When working alongside the people of Zambia I soon found that I still had much to learn. 2006 found me in Nepal, learning to build bamboo houses - much to my chagrin I discovered that there was still much to learn. Through university and life thereafter I discovered humor and found ways to teach and to be taught in all moments of life."



Jón Feir, BArch/70

a retired Architect and Landscape Architect residing on Galliano Island, BC

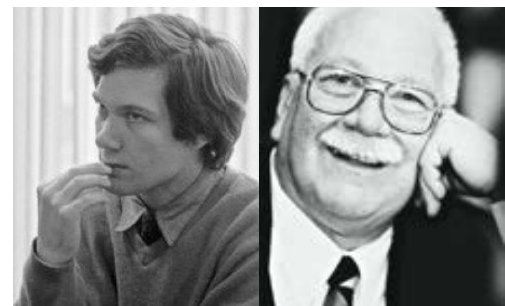
"After a false start in Science, Architecture was a chance to draw and to learn about drawing, art, art history and translating drawings to the reality of a built environment. Learning about what interested me, not just what would get a good job. Once I was in the first day of classes I knew these were the people who I wanted to learn from; professors like Jim Lewis and John Graham (he whose vertical chalk lines were made more with the bending of his knees than moving his arm)."



David Goyer, BArch/71

a former Winnipeg Architect currently in retirement on Salt Spring Island, BC

"I recall a mind-numbing recognition that both the School and I were confused and totally screwed up. Failing, repeating and appealing grades left a permanent distain for the system, many professors and, indeed, myself - a state of bafflement as to what 'architectural education' was all about, how it was taught and how it was learned. It was the grand association and bonding with a great group of classmates that carried the day, something a quiet kid from the suburbs continues to appreciate."

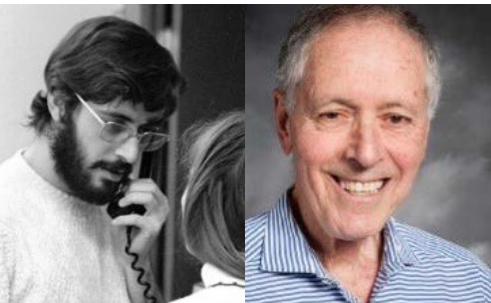


Mark Guslits, BArch/70

an Architect-in-practice and an educator residing in Toronto, ON

"My years in architecture school were the best and worst times. I learned the value of true friends; the value of a supportive family; the importance of little things - like the "shape" of light. I learned the importance of caring about others enough to want to help them live and work in a better environment - through design. And I learned how to rotate a 4H pencil gently in my hand to create nuances and textures in each line - things no longer visible in the drawing of my students today. I wouldn't have missed it for the world."





Harry Haid, BArch/71

an Architect-in-practice in Winnipeg, MB

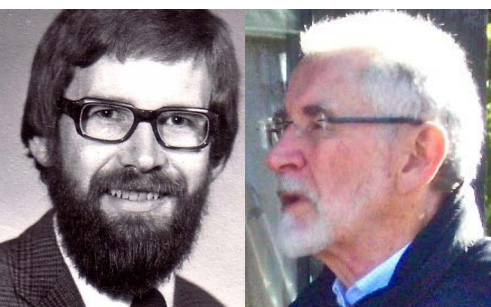
"I believe the major takeaway for me from my years studying Architecture (design) was gaining the ability to identify problems, simple or complex and then develop a problem solving methodology to dissect and solve the major issues that will result in a positive resolution of the problem at hand. In my practise of Architecture and carrying over to my involvement in management of other related and unrelated business ventures, these skills proved to be invaluable."



Derek Haight, BArch/73 (last grad)

an Architect-in-retirement residing in Calgary, AB

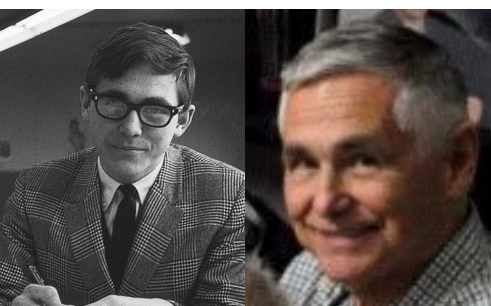
"We were all so fortunate to be at U of M back then and be exposed to the rigors and disciplines of a very broad and encompassing creative process. From 'Pinky Plates' (still relevant today), music, history of Art and Architecture, drawing, problem solving, and commitments, has been ever present throughout my 'career'. I continue to appreciate all the friendships made with classmates and senseis (teachers) during all this time."



Gordon Heinsen, BArch/70

an Architect-in-retirement residing in Calgary, AB

"It was certain that I was going to practice architecture before entering U of M. Experiences there, even the frustrations and anxieties of the design studio process, reinforced that notion and reassured me that I was on the right path in preparing for the career that followed."



Ron Hoffart, BArch/70

a former Vancouver Architect currently in retirement in Kelowna, BC

"One of the take-aways of an Architectural education, especially design juries, is the need to answer the question "why". So we develop a rationale or a narrative to explain why the design is this rather than that. We carry this with us to design panels, public hearings and client meetings. I don't think that music composers or artists worry so much about the rationale although I think they have one. The two guys that influenced me most were Gus da Roza (who told me why) and Jacques Collin (who kept asking why?)."



Richard Howell, BArch/70

an Architect-in-retirement, an actor and a stage manager in Winnipeg, MB

"Find the 'essence' of what you are designing, reduced to one thought against which all other decisions can be measured. Make sure that you know what you are trying to achieve so, as Professor Jacques Collin reminded, you don't 'fall between two stools' when making the necessary decisions. For me, these takeaways lead to clarity when confusion reigns. Useful advice when doing design and getting into the character of whatever part I was to be in a play and as a theatrical stage manager."



Bill Ketcheson, BArch/71

an Architect-in-retirement, a musician and a photographer residing in Winnipeg, MB

"Architecture actually happened during a mid-course pause and afterwards while working with very talented people in practice. Even during retirement, I still jump at the chance to design a new project and will do so for as long as I am able."

Bruce Koliger, BArch/71

an Architect-in-retirement residing in Edmonton, AB

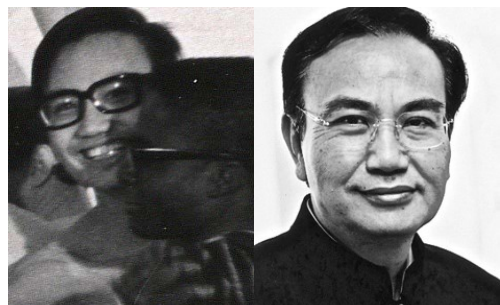
"I arrived in Winnipeg – excited; apprehensive. I left – bitter; angry; like I really just got out of jail – but hopeful; inspired by our 4th year field trip that included Carpenter Center at Harvard, having learned there that architecture could move me like music, film or words; aspiring to replicate that emotional experience through my work. I am retired now with much I'd like to write about; my education, career, highs, lows, people I knew, loved and lost. It's been a trip."



Patrick Lau, BArch/69, MBA/88

an Architect-in-practice, a former Hong Kong legislative councillor, a former Head of the HKU Department of Architecture and a HKIA Past-President residing in Hong Kong

"For a 19-year old fellow from Hong Kong, my recollection of the U of M is all positive. Five years of best-in-class colleagues, an international cadre of superb teachers and visionary Dean John A. Russell all contributed to my subsequent success back in Hong Kong as a practicing architect, a former university professor and Head of the Department of Architecture, and a member of the Legislative Council."



John Lewkowich, BArch/70

an Architect-in-retirement residing in Victoria, BC

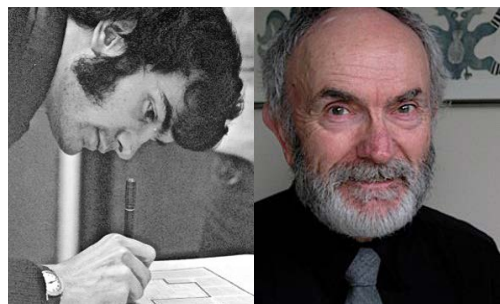
"During a one-year hiatus from academia, I was employed by a large Winnipeg architectural firm for a grounding in the production field of Architecture, followed by employment after graduation in smaller firms, time in a Crown Corporation dealing with building real estate, ending with the B.C. government in management of all aspects of university capital projects, from initial planning and financing, through design and construction coordination and completion. That gap year led me, fortuitously, towards the business end of Architecture."



Andrew Little, BArch/71

an Architect-in-retirement, a former SAS Senior Stick and the co-facilitator for BArch SKITCh Camp Reunion 2016 residing in Calgary, AB

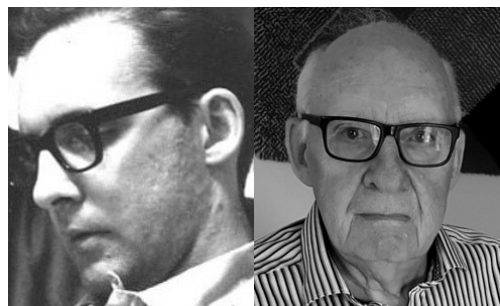
"Professor Jack Graham: design affects us all. Claude DeForest: we're interconnected with the environment; we are responsible. Dimitri Styliaris: love for cities, the habitat of humanity. Doug Gilmour: architectural heritage. Students ahead of us: the more you learn the less you know. Other students ahead of us: stand up for what you care about. Students Architectural Society: make parties and dance."



Ian Macdonald, Dip.Arch.Tech/65, BArch/69

a Department of Architecture Professor Emeritus and a former Head of the Department of Architecture residing in Winnipeg, MB

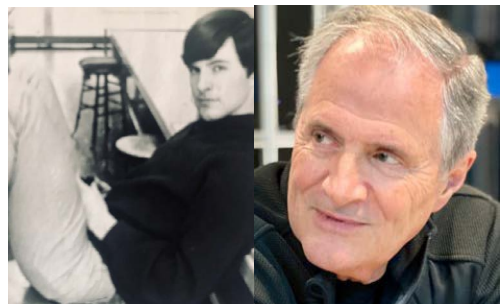
"My main takeaway from Manitoba was an appreciation of the role that a vibrant studio culture played in shaping my own growth and performance. Excellence surrounded me at every level: Fontainebleau and Pilkington scholarship winners seemingly every year, great guest speakers and artists, a sophisticated film society, a library, bridge and chess games at the drop of a hat, etc. Central in all this were unbelievable classmates like the two Pats (Gallagher and Lau) whose sheer presence raised the bar and held my feet to the fire. The place was magic."

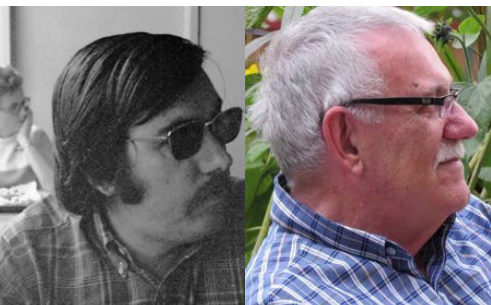


Murray Mackinnon, BArch/73 (last grad)

an Architect-in-retirement and a former industry VP Sustainability residing in Burnaby, BC

"What still stands out for me was an apparent mid-60s shift at the U of M Faculty toward 'team design'. While there were still the 'star' mentors – Gus, Jacques, Eric, et al, who I generally avoided – there was also Doug, Jonas and others who encouraged team work and without whom I would not have survived in a more 'star designer' program. Post-graduation, that team approach encouraged my shift toward the techno-roles of architecture – production, specs, contracts, sitework, etc. And, over time, that led joining to the client-side and latterly into contractor roles."





Doug Massie, BArch/71

an Architect-in-practice, a former SAS Senior Stick and the co-facilitator for BArch Last Rites Reunion 2006 residing in Vancouver, BC

"There were six years of study, design, field travel, profs, life-long friends and happy memories. Student council president 1969-70, but I didn't get the "stick" till April 2018. Remembering the big winter storm in '66 when we were snowed in for four days. Home Street was our happy home for four years. That time was very good but today is what matters. The foundation gained at U of M together with lifelong career learning leading to today is what is important for me."



Lorne Matthews, BArch/69

a gifted Architect and the co-facilitator for BArch Best Laughs Reunion 2013 at peace in High River, AB

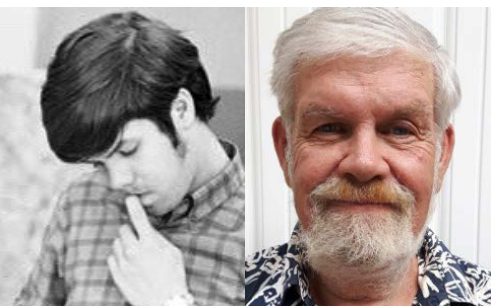
"The course was like Boot Camp – no excuses, no regrets. Professor Jonas Lehrman became a mentor and lifelong friend, helping me to spread my wings. I remember the parties well, this being the 1960's when the intersection of the academe and social culture was fluid. Comradeship was something never to be forgotten – a surrogate family. Somewhere floating around is a pre-convocation photo of we lads wearing nothing but neckties; thanks God for period-specific wide ties."



Bill McCreery, BArch/69

a former City of Vancouver municipal politician and a current Georgia Straight urban affairs blogger currently residing in Sechelt, BC

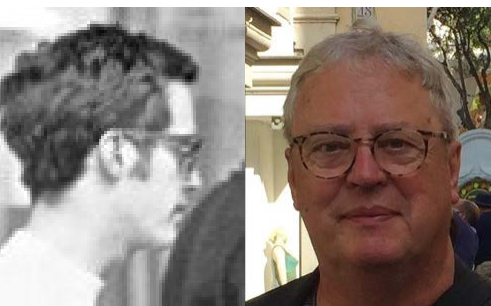
"Dean Russell's inspired leadership brought together professors with different perspectives. Our challenge was to find our own path. Myself, I discovered UMSU politics, serving as Building Committee Chair, with the University Long Range Planning Committee and as Vice-President – all in search of opening up University decision-making and giving students a stronger role in formulating their education."



Dale McLean, BArch/71

an Architect-in-retirement residing in Gabriola, BC

"My six years in the Faculty of Architecture at the U of M were more than memorable. My time there broadened my life in so many ways: developing friendships with the same classmates over time, and beyond; dealing with successes and failures; and learning about architecture and life. And I was able to sketch and draw, something I've loved from the age of 12 to the present."



Roger Mitchell, BArch/71

an Architect-in-practice in Regina, SK

"A Prairie Boy's Adventure : 110 in first year, largest ever, a chance to start. A staff promise that 10% make it through in 5 years. Incredibly experienced and competent people. Previous degrees, years of work experience, absolute talents. A pact of support and sharing created after a deadline death crash. Pointless competition also died. 50 years of service to "mother architecture" followed by retirement still calling yourself an architect."



Bill Morley, BArch/70

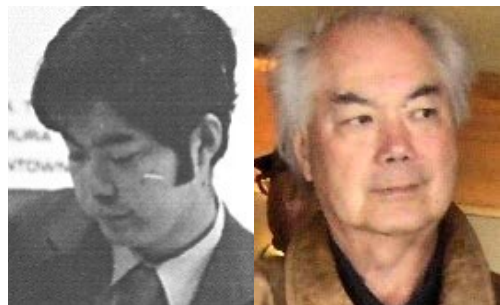
an Architect-in-retirement residing in Victoria, BC

"Professor Jacques Collin humbled me when he would say 'Zee degree of difficulty is equal to zee ability of zee doer.' I often pause and think of this! Indeed, I credit Professor Doug Gilmore for setting the straight path and keeping me out of trouble early."

Ron Okumura, BArch/70

an Architect-in-retirement residing in Regina, SK

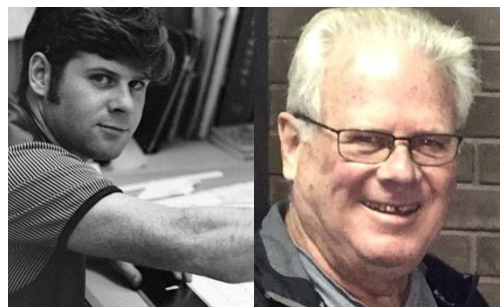
"Studying architecture at the U of M meant you had to pass design. I remember a professor discussing something he called the "design leap" which would lead to the perfect solution. It was the best of times and the worst of times trying to understand. After graduating and working in architecture, at some point I, like many other architects, was able to recognize the beauty of good design regardless of my personal taste. Architecture is like art in that respect."



Walter Rhead, BArch/71

an Architect-in-retirement and a former security alarms franchisee residing in Regina, SK

"Frankly, my time at U of M was like a ship sailing through fog. At times monotonous, then punctuated by frantic fear and activity to avoid some disaster, only to repeat again and again. Somehow I survived and even graduated, which I suppose gave me the foundation on which to base the rest of my life. My take away: Life is unscripted, and I think my time at U of M helped get me from cabin boy to captain and to places I never thought I would ever go."



Gordon Richards, BArch/72

a private sector Senior Project Consultant and CACB-CCCA and AIBC Past-Presidents residing in Vancouver, BC

"Perhaps my most pervasive take-away is that buildings now speak to me as I experience them from the inside, or when passing by in the street. Wherever I am my eye is drawn to buildings large & small, new or old. I automatically speculate about who designed them and whose hands built them. I hear the voices of those people through the inanimate artifacts they have left all around us, and I treasure and am grateful for this window of communication."



Sig Toews, BArch/70

an Architect-in-practice residing in North Vancouver, BC

"When I was a young lad a white haired Mennonite farmer asked what I wanted to be when I grew up? I replied with absolute certainty, an Architect! He could not grasp my desire. Now when I'm asked, I still say an Architect! It was Dean Russell who first encouraged me and Gustavo da Roza who guided me. Gus, in his very blunt way, insisted that practice was more important than theory. Quality professors took an interest in me and my desire blossomed. They themselves were in love with architecture, and are the cradle of my passion."



Gillian Watts, BA (Hons)/72, M.Museol/74

Principal of World Watch Editorial Services and Mod-onna to the Class of 70/71 residing in Toronto, ON

"Looking back on those faraway Architecture days, I realize that some things have remained with me for life. My fellow students showed me that women can excel at non-traditional careers and that men can be decent, caring and considerate. My profs taught me to be skeptical of authority and to judge according to character and skills, not rank. My failure to do well enough to satisfy my high standards taught me when to cut my losses and run – to better things. And, to my great satisfaction, I can still freehand a straight line!"



Roddy Yu, BArch/70

an Architect-in-retirement residing in Vancouver, BC

"Time spent in studying U of M Architecture is one of my most important moments of life experience. Before that I grew up in a place under an old colonial education system, like Hong Kong. I had no knowledge of history, art nor culture. The courses at Manitoba coloured up my blank mind to think, to search and to improve. Working among classmates gave me an opportunity to learn different cultures & open me up to the world. This passion lasts my lifetime."

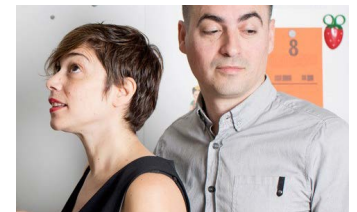


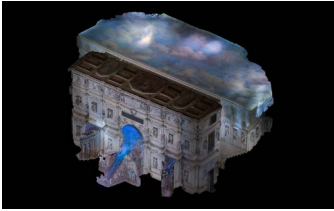
EVENTS / OUTREACH

2019 – 2020 Faculty of Architecture Events

umanitoba.ca/architecture/events

- SEPT 29** Owen Toews
Stolen City
- SEPT 26** Flash Fest x MALA
Framing the Landscape
- OCT 03** Co-op Info Session
- OCT 08** Lindsay Mamchur & Hannah Hendrickson-Rebizant
Photography and the Built Environment
- OCT 16** Heidi Painchaud
Process Makes Perfect!
- OCT 17** MA+HG Architects
Housing the Missing Middle
- OCT 29** DIALOG
Marion Larue & Stephanie Fargas
- OCT 31** Study Abroad Info Session
- NOV 19** Travel / Research Awards
Mitali Dembla, Connery Friesen, Andrew Simonson
- NOV 21** Thom Fougere
- NOV 26** Shawn Bailey & Roxanne Greene
Shoal Lake 40 Feasting Shelter
- NOV 28** Grad School Info Session
- JAN 09** Undergraduate Research Award: Faculty of Architecture Information Session
- JAN 16** Chris Grosset
The Path: Reconciliation, Learning, and Landscape Architecture
- JAN 17** Designing Pathways





Frederik Petersen **JAN 21**

Wax Rubber Skin

Sheryl-Ann Simpson **JAN 21**

Land / Lander

Warming Huts v. 2020 **JAN 23**



Graham Livesey & Lisa Landrum **FEB 03**

Canadian Modern Architecture

Atmosphere 12 **FEB 6-8**

Next School

Rami Bebawi **FEB 13**

Sixteen and a half years later



CAFE CAFE: Gallery Opening **FEB 24**

Andy Yan **FEB 25**

Hot, Uneven, and Connected



Bobby Ilg **FEB 25**

Nature is the Gold Standard

CAFE Prairie **FEB 28**

Canadian Architecture Forums on Education

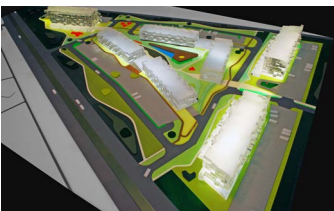


Karen Shanski **MAR 02**

RMF - BLDG

Antonio Gomez-Palacio **MAR 03**

Community Wellbeing



Candice Wei **MAR 05**

Our Design Journey

City Building for all **MAR 6-7**

BEAPrairies 2020 Symposium



Dr. Oliver Botar, Carlos Rueda & Herbert Enns **MAR 12**

The Bauhaus in Conversation



Dale Henwood Lecture

Heidi Painchaud | Process Makes Perfect!

Interior Design is a cumulative science and art. The process we follow as designers is a step by step exploration leading to a conclusion, that if done correctly can transform both business and quality of life. Our careers are also a sum of experiences and lessons that begins the day we graduate. I will be sharing an overview of a healthy client process and my biggest lessons learned along the way.

Heidi is a U of M BID graduate from 1994. She has had extensive experience in LA, Calgary and Toronto, where she currently is a Partner at IN Design Studio. Her experience ranges from small to large commercial interiors, select residential, retail, large integrated mixed use commercial developments, spa facilities, medical offices, hospitals, government office, as well as sports and entertainment facilities. In addition to her involvement with the Dupont advisory council – a future think tank of chosen industry professionals – Heidi co-authored a future-proofing workshop seminar entitled Design Changes Peoples' Lives, and has spoken extensively on design, process, and the business of design. Heidi's work has been featured in such publications as Business Week, Time, Interior Design, Azure and Canadian Interiors. She has her own furniture line that has been in production since 2002. Heidi has also served on the ARIDO Board. Finally Heidi also has written a book on Designing Your Business: Professional Practices for Interior Designers geared towards Interior Designers starting their own firms.

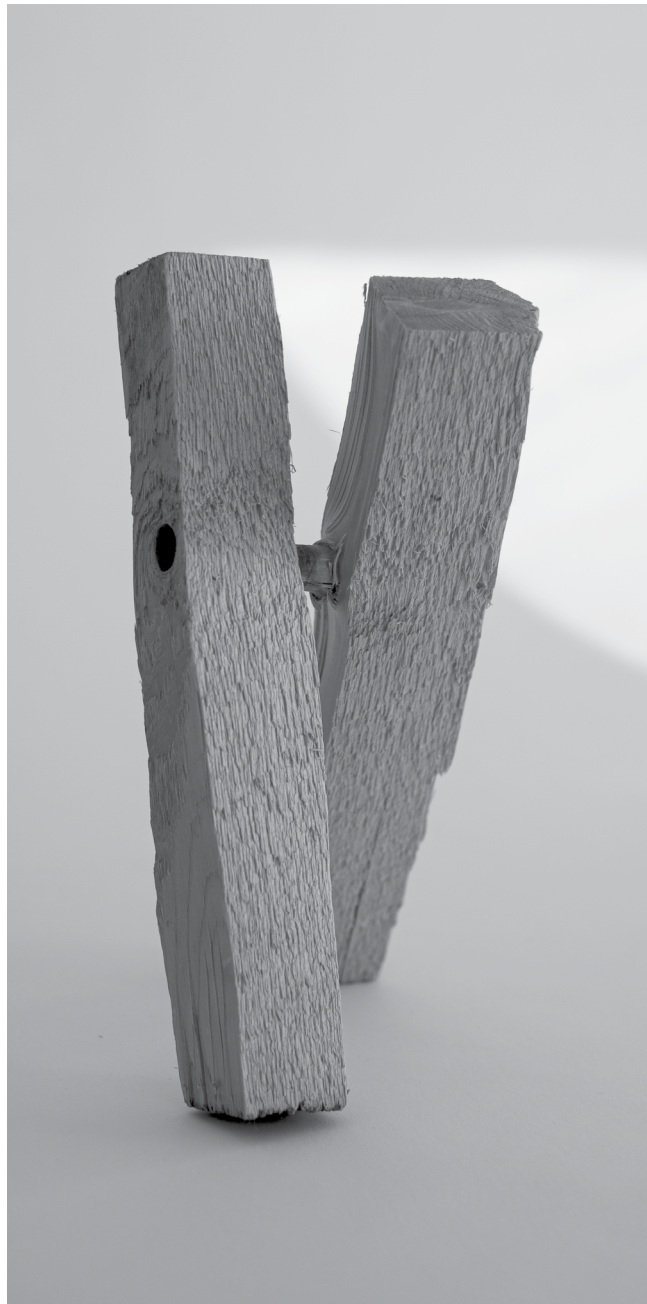
Emerging Alumni Lecture

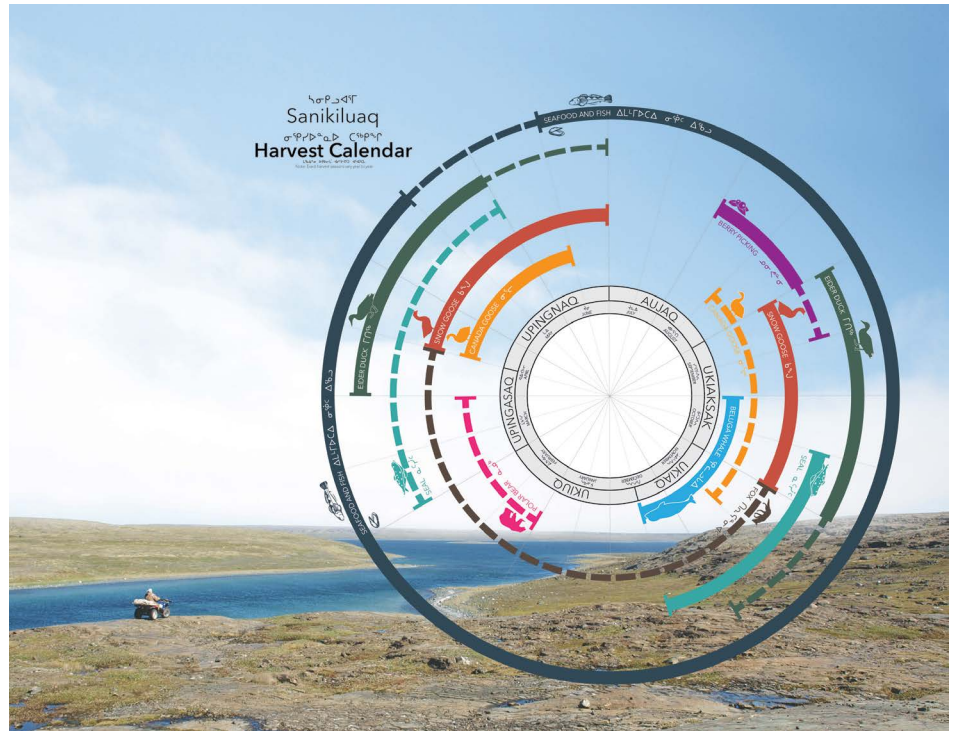
Thom Fougere

Working within the realms of furniture design, architecture, and creative direction, Fougere will present a dynamic overview of his work to date; citing key projects, working processes, and his perspective on design.

Thom Fougere (1987) studied architecture at the University of Manitoba before working in furniture, product design, and architecture. In 2010, he was appointed Creative Director at Canadian design house EQ3. During his nine year tenure in that role he led the company through a transformative brand re-positioning. The comprehensive process included a refresh of the company's visual identity, design direction for the product line, graphic presentation, photography and interior design, including acting as the lead designer of EQ3 showrooms across Canada and the United States.

In 2015, Thom Fougere established his eponymous studio based in Winnipeg, Canada. Working within works within the fields of product design, architecture, commercial interiors, photography and art direction. His works have been exhibited internationally at design fairs in Milan, Stockholm, New York, Montreal, and Toronto.





Faculty of Architecture Distinguished Lecture

Chris Grosset | *The Path: Reconciliation, Learning, and Landscape Architecture*

Successful landscape architecture projects represent the fusion of creative vision with a formal process of design, planning, and implementation. Our professional practice emerges from our world view that is informed by education, experience, cultural context, and creativity. Through an applied process we gradually master the skills of the profession by organizing place, resources and people to achieve a well-defined goal.

Achieving “reconciliation” is also a process. But there is no single definition of what “reconciliation” will mean. Reconciliation describes a state of being, defined by connections between cultures, communities and individuals in the past, the present and the future. There is no project plan and no checklist to achieve the goal. Reconciliation is a destination defined by the journey – a journey without a map to an undefined place, along paths that haven’t yet been revealed. Every First Nations, Inuit or Métis person and community in Canada has lived their own truth. Every non-Indigenous Canadian has a responsibility to acknowledge a state of reconciliation which can only be

defined through their personal and professional process of seeking.

Travelling the path towards reconciliation in the design professions requires non-Indigenous professionals and our institutions to reflect on our learned approaches, our solutions based processes, and our ethics. We must look within ourselves and our profession to reflect on what needs to be learned or unlearned in order to become partners in reconciliation.

Having worked alongside Indigenous communities in the Arctic and across Canada for twenty years, Chris Grosset has learned in their classrooms, on their land, in their homes, or during their project meetings. Through this lecture he will explore the formal and informal paths towards reconciliation through learning and his practice as a landscape architect. He’ll explore how Indigenous perspectives have changed his process and principles, and reflect on practical approaches that may enable non-Indigenous design professionals to travel the path of reconciliation.

Chris is a partner at NVision InSight Group, an Indigenous consulting firm with offices in Ottawa and Iqaluit. For two decades he’s specialized in landscape planning and design projects across the Canadian arctic that support Indigenous land use, socio-

economic development, and heritage conservation. His practice integrates Indigenous traditional knowledge with landscape architecture approaches for protected areas and heritage sites. He’s a part-time instructor of community planning at Nunavut Sivuniksavut in Ottawa, a post-secondary program providing Inuit youth with academic learning in their cultural context.

Since 2016 he has Chaired the Canadian Society of Landscape Architects Reconciliation Advisory Committee, mandated “to guide the CSLA in improving awareness and capacity for supporting Canada’s First Nations, Inuit, and Métis Peoples”. Chris was awarded the CSLA Schwabenbauer Award in 2011 and CSLA Presidents Award in 2018 for his work to further the profession on Indigenous awareness. In 2018 his firm, in partnership with HTFC, was awarded a CSLA Award of Excellence for the Kinngaaluk Territorial Park Master Plan, a site in Sanikiluaq, Nunavut, that protects a critical harvesting site used by Inuit for generations. The project was featured on the cover of the January 2019 issue of Landscape Architecture Magazine, published by the American Society of Landscape Architects. In 2019 he led the establishment of Landscape Architecture Canada Fund’s new National Indigenous Scholarship in Landscape Architecture.



Seagram Visiting Lecture

Rami Bebawi | Sixteen and a Half Years Later

KANVA started in the second-floor living room of a Montreal apartment on August 15th, 2003, around 10AM. Today, it is an established architectural firm recognized internationally for its creative storytelling and innovative technical skills. The lecture shares a little of what happened (and what didn't happen) in between.

Rami Bebawi (OAQ MRAIC RBQ) is a co-founder of KANVA, an architecture practice founded with Tudor Radulescu (OAQ LEED PA MRAIC) in 2003. Rami is an active participant in the local, national and international architectural scene, leading many panel discussions, speaking at conferences, participating in juries, mentoring master's students, and engaging in design festivals and outreach programs. Rami has also travelled across Canada lecturing for the Royal Architectural Institute of Canada and internationally sharing the work of the multidisciplinary collective, KANVA.

KANVA is made up of passionate architects and artists whose work is at the forefront of thinking, imagining, drawing and constructing. KANVA demonstrates architecture's transformative power through a range of disciplines and scales. The team treats each project as an opportunity to reshape the built environment through story-telling. Each project is engaging, memorable and responsive to human experience and addresses the contemporary complexities of culture, economy, sustainability and innovation.

Leading KANVA into its 16th year, Rami remains a dynamic leader who is continually pushing the creative potential of every project. He believes in the promotion of cross-cultural and cross-disciplinary sharing of experiences and knowledge, to create rich narratives and sensitive approaches for every project.



Designing Pathways

Informing Indigenous Planning and Design within the University of Manitoba's Faculty of Architecture and beyond

Designing Pathways was an interdisciplinary panel discussion that explored some lessons learned in the area of Indigenous Planning and Design. Following the release of the Truth and Reconciliation Commission Calls to Action in 2015, each of the professional organizations (CSLA, RIAC and CIP) have made commitments to Reconciliation through establishing committees and devising action plans. The purpose of this panel discussion is to hear the perspectives of four practitioners from the fields of architecture, landscape architecture, planning and interior design. The discussion focused on the development of informed practical skills including research, engagement, planning and design. Panelists shared their experiences, provided advice to students/faculty members and described hopes for the future of their professions.

In Fall 2019, the Indigenous Design and Planning Student Association (IDPSA) was founded in the Faculty of Architecture. This initiative was met with support from the Faculty of Architecture Student Association (FASA) and the Office of the Dean.

Grant Falgren (panelist) is a member of Wabigoon Lake Ojibway Nation, a founding member of the Canadian Society for Landscape Architect's (CSLA) Reconciliation Advisory Committee, and a Project Designer at PFS Studio where he works closely with indigenous collaborators on planning and design projects.

Ryan Gorrie (panelist) has been collaborating with Brook McIlroy since 2009, when he was retained as a key member of the design team for the award-winning Spirit Garden in Thunder Bay, and formally joined the firm in 2016 to lead the Indigenous Design Studio.

Zoë Mager (panelist) is a community planner, whose professional focus includes environmental conservation, sustainable urban design, housing, land use planning, equity and accessibility, youth engagement, and systems-change processes.

Destiny Seymour (panelist) is an Anishinaabe interior designer based in Winnipeg, Manitoba. Destiny graduated with her Masters in Interior Design from the University of Manitoba. She worked at a local architecture firm in Winnipeg for over 10 years as their interior designer before starting her own design business in 2016.

Chris Grosset (moderator) has specialized in landscape planning and design projects across the Canadian arctic that support Indigenous land use, socio-economic development, and heritage conservation for over two decades. His practice integrates Indigenous traditional knowledge with landscape architecture approaches for protected areas and heritage sites.

1. *Designing pathways panel discussion*
2. *Destiny Seymour*
3. *Zoe Mager*
4. *Chris Grosset*
5. *Grant Falgren*
6. *Ryan Gorrie*
7. *Barthelemy Nirlungayuk from Kuugaaruk, Nunavut explaining that there is a fish weir - a traditional fish harvesting site - under the ice where the photo was taken. The drawing in the snow illustrates the weir and how it works. Photo: Nunavut Parks / C.Grosset*

Architecture 2 Gallery

Jae Sung Chon

Architecture 2 Gallery (A2G) at the Faculty of Architecture hosted five main exhibitions during the 2019-2020 academic year: #MODEL, Prototyping Warming Huts, BAUHAUS, CAFE, and UM+.

#MODEL was an official exhibition program of the 2019 Winnipeg Design Festival entitled PROTO. #MODEL exhibited 16 physical models by 8 professional design and architecture offices in Winnipeg. The exhibit was open to the public attracting over 300 views/visits over the 30 days of the exhibition. The design offices included were DIN Projects, 2 Architects, 5468796 Architecture Inc. atLRG, Architecture at Play, BLDG, h5 Architecture, and DPA.

The Warming Hut Prototyping exhibit was let by Professor Eduardo Aquino and Elenor Bond, a local artist. The short-term experimentation of 'making-research' as an exhibition transformed the gallery space as a design lab invoking curiosity.

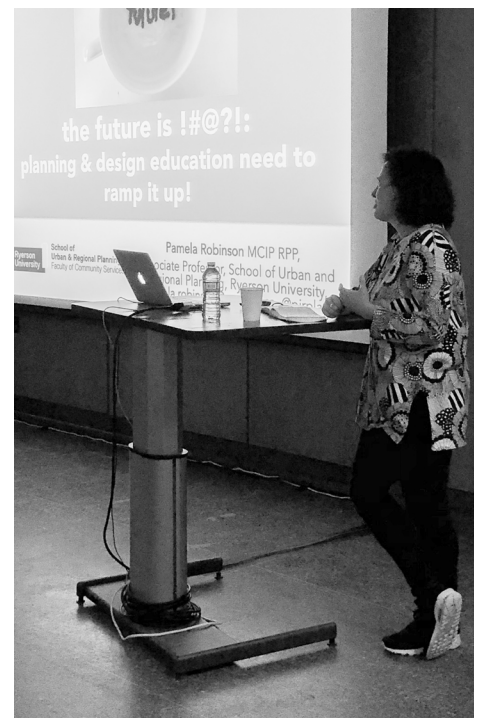
BAUHAUS at A2G, originally curated by the Embassy of Hungary as a touring exhibition contributed to the Bauhaus Festival organized by Dr. Oliver Botar, connecting A2G and the Faculty of Architecture with the Fine Arts community and the community at large.

Café Café, curated by Professor Lisa Landrum, featured global architecture policies and student manifestos from across Canada, while providing a cafe-like setting for conversations on the future of architecture. The exhibit was part of the Canadian Architecture Forums on Education series and CAFÉ Prairie.

UM+, showcasing curated works by recent graduates of Faculty of Architecture currently studying at other institutions around the world, scheduled for March 2020, was postponed due to the sudden arrival of the COVID-19 pandemic.







Atmosphere 12: Next School

Jae Sung Chon

WHAT AND HOW CAN WE TEACH AND LEARN DESIGN TODAY? WHY DO WE TEACH SUCH CONTENT? WHY DO WE CHOOSE CERTAIN METHODOLOGIES?

From Beaux-Arts to Bauhaus, and the polytechnic schools to the present-day schools, paradigms of design education have shifted and evolved, each experimenting with different pedagogical philosophies and methodologies, relevant to their context. How are the contemporary pedagogy modeled and structured? What are the methods explored and experimented, and why? How are the contemporary design educations align with the shifting topography of culture and environment? What are the emerging opportunities of design education within today's social, cultural and ecological context?

NEXT SCHOOL | ATMOSPHERE 2020 was a symposium that GATHERED, DISCUSSED and DISSEMINATED pedagogical experiments/examples of design studios/schools today. It showcased experimental cases, including esoteric and temporary exercises, which are attempting to realign/reinforce the design education with the contemporary context, and imagine the possibilities of next models and structures for the design education, a NEXT SCHOOL.

Keynote Speakers

Thomas Fisher

Professor, Director of the Minnesota Design Center, Director of MSSD and Dayton Hudson Chair in Urban Design, University of Minnesota

Pamela Robinson

Director and Associate Professor, School of Urban and Regional Planning, Ryerson University

Jeannie Kim

Director of the Daniels Faculty's Honours, Bachelor of Arts, Architectural Studies program, University of Toronto

Chris Cornelius

Associate Professor, The University of Milwaukee and a member of the Oneida Nation of Wisconsin

Jonathan Solomon

Associate Professor and Director of Department of Architecture, Interior Architecture, and Designed Objects (AIADO), School of the Art Institute of Chicago

Gary Hilderbrand

Principal, Reed Hilderbrand, and Peter Louis Hornbeck Professor in Practice, Harvard Graduate School of Design

Johanna Hurme

Architect, Founding Partner of 5468796 Architecture, Chair of the Winnipeg Chamber of Commerce

Endowment Fund

Interest revenue generated from the Endowment Fund is 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”.

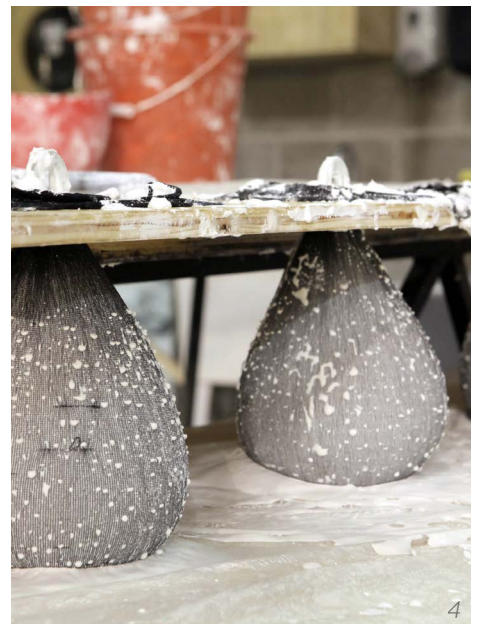
In the past grants have gone to support conferences, speakers, and other special events, the acquisition of library material and special equipment, as well as to encourage research and creative work.

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.

2019 - 2020

Endowment Fund Recipients

\$25,000	Cultural Events & Food for Thought
\$20,000	Atmosphere 12 Next School
\$6,000	Year End Exhibition
\$3,000	Architecture 2 Gallery
\$2,000	A+DFF 2019
\$25,000	Warehouse Journal 29
\$10,000	Unconscious Bias
\$4,300	C.A.S.T. Collaborative Workshop
\$3,500	Seoul International Biennale
\$1,200	LASA / MALA Student Events
\$1,000	City Planning Quiz Night
\$1,000	UMAAS 10x20x20
\$1,000	MAA Meet & Greet
\$500	C.A.S.T. Mixer





5



6

YEAR END EXHIBITION

FACULTY OF ARCHITECTURE

ONLINE EDITION

7



8



9

1. Warehouse Journal 29
2. Warehouse Journal 29
3. Atmosphere 12 | Tom Fisher
4. C.A.S.T. Workshop
5. BEAPrairies 2020
Unconscious Bias Symposium
6. BEAPrairies 2020
Unconscious Bias Symposium
7. Year End Exhibition 2020 -
Online Edition
8. BEAPrairies 2020
Unconscious Bias Symposium
9. PIDIM + IDAS Meet and Greet





**City Building for All:
Working towards social equity in design & urbanism**

BEAPrairies 2020 Symposium

A two-day symposium featuring City Builders from across the prairies, as well as a keynote presentation on Unconscious Bias by Loreli Buenaventura, Head of Diversity & Inclusion for HSBC Canada and an associate with the Canadian Centre for Diversity and Inclusion (CCDI).

Speakers

Loreli Buenaventura

*Head of Development
(Learning, Talent and Diversity &
Inclusion) for HSBC Canada*

Monica Adair

Principal Architect, Acre Architects

Jason Syvixay

Urban Planner, City of Edmonton

Eddie Ayoub

Artistic Director, Art City

Dee Barsy

Visual Artist

Kalen Taylor

*Executive Director, Purpose
Construction Founder*

Diane Roussin

*Project Manager,
Winnipeg Boldness Project*

Matt Schaubroeck

*Director of Programming,
North Forge Technology Exchange
& Fab Lab / ioAirFlow*

Jennifer Fix

Urban Planner and Associate, Dialog

Allan Mankewich

*Public Policy and Communications
Coordinator, SEED Winnipeg Inc.*

Liz Wreford

*Principal Landscape Architect,
Public City Architecture*

Faculty Retirements

2019 – 2020

Lynn Chalmers | Lynn Chalmers retired in early 2019. She was a past Department Head of Interior Design and taught studio in the Environmental Design and Master of Interior Design programs. Lynn has been an academic and administrator working in Australia and Canada, and a practitioner and consultant in Australia working on a range of commercial projects with Woods Bagot International, Geyer (Melbourne) and Roy Grounds Architects. The Faculty wishes her well in her retirement

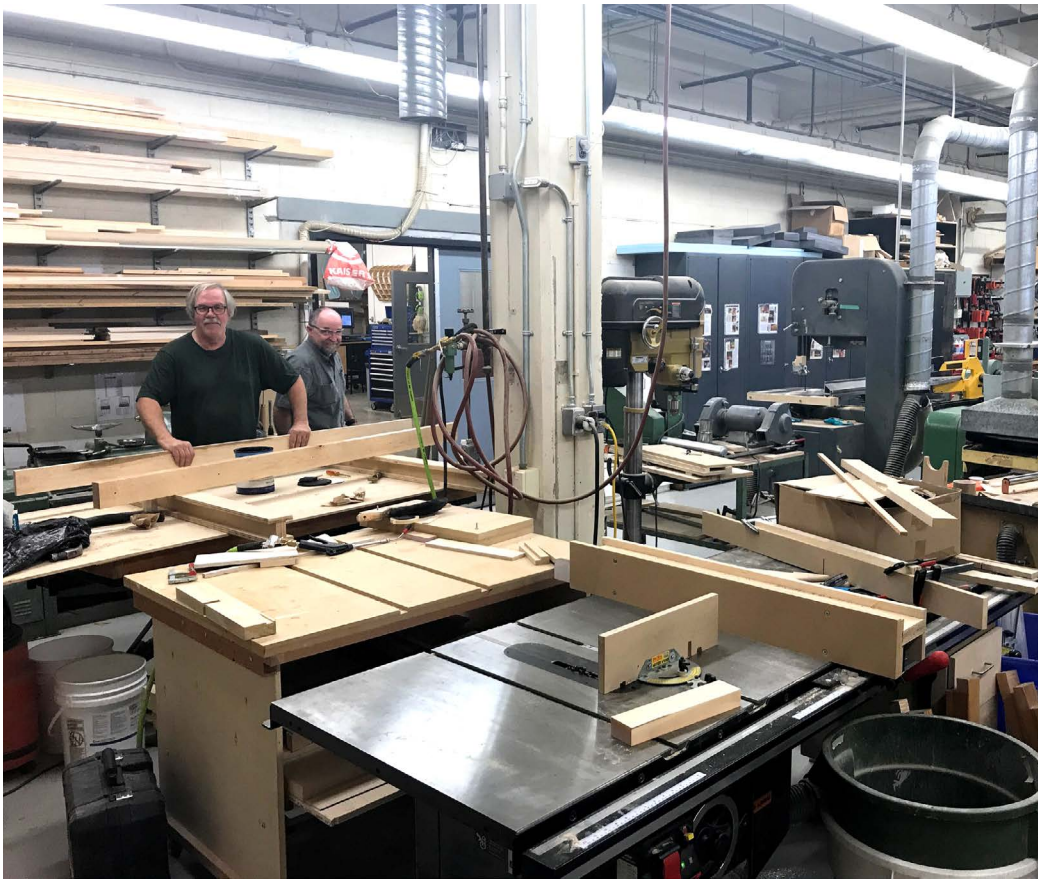
Eduard Epp | Professor Eduard Epp retired on June 30, 2020. Congratulations to Professor Epp for his many years of teaching at the University of Manitoba. Dean Beddoes thanked Prof. Epp for 27 years of service to the Faculty adding that his retirement is well deserved and he hopes that Prof. Epp will stay in contact with the Faculty.

Rick Finney | We are both happy and sad to announce that after over 12 years of service, Rick Finney has retired from the Workshop on December 18, 2020. We would like to take this opportunity to thank Rick for his outstanding service over the years as an integral part of the Workshop team. He will always be remembered as a hardworking, committed, friendly person who always had a great story to share!

Yvonne Halden | After many tireless years of dedication to the Faculty of Architecture, Yvonne Halden retired on October 10, 2020. We would like to take this opportunity to thank Yvonne for her dedicated service to the Faculty, especially to our students, faculty and staff. As the Faculty's Graduate Student Advisor, Yvonne has positively impacted our graduate students over her many years with us. Yvonne's ever helpful, cheerful and assuring presence in the Student Services office will be dearly missed.

Nancy Maruca | Professor Nancy Maruca retired in December 2019. Congratulations to Nancy for her many years of teaching in the Faculty of Architecture at the University of Manitoba. Her expertise in lighting, materials and design will be missed along with her ongoing commitment to the profession of Interior Design.

Unfortunately, due to the pandemic, the retirement event for recent and upcoming retirees: Prof. Epp, Prof. Lynn Chalmers, Prof. Nancy Maruca, Yvonne Halden and Rick Finney has been postponed. A celebration of their service to our Faculty will be scheduled at a later date.



AWARDS

Faculty Wide

Allan Waisman Indigenous
Architecture Scholarship

Reanna Merasty
Teron-Jordan Richard
Courtney Allary

ARCC / King Student Medal

Andrew Macaulay

Canadian Masonry Research
Institute Scholarship

Hasti Fakouri

Corrigill Scholarship

Rhys Wiebe (ED)
Katherine Preun (ED)
Shane Cuenca (ED)
Nicole Luke (ED)
Thomas Nuytten (AR)
Choi Ho (CP)
Andre Nayo (ID)
Elise Ouellette (LA)

Faculty of Architecture
Endowed Scholarship

Chelsea Colburn (ED)
Andrew Simonson (AR)
Isaac Laapah (CP)
Jessie Procyshyn (ID)
Desiree Theriault (LA)
Mojtaba Hassanzadeh (PhD)

Fridrik Kristjansson
Scholarship in Architecture

Sarah Dankochik

Maxwell Starkman Scholarship
in Architecture

Jeffrey Thorsteinson
Tali Budman
Alix Lanyon-Taylor
Naomi Ratte

Natural Sciences and Engineering
Research Council of Canada

Alyssa Hornick



Price Industries Ltd. Faculty of
Architecture Recruitment Award

Nichola Basford (ED)
Chelsea Colburn (ED)
Owen Toth (ED)
Kate Sherrin (ED)
Manuela Villarreal (ED)
Emma Onchulenko (ED)
Yang Peng (AR)
Hasti Fakouri (AR)
Nikolas Friesen-Hughes (CP)
Ekaterina Kaptiug (ID)
Julie Hince (ID)
Atieh Kashani (LA)

University of Manitoba
Graduate Fellowship (UMGF)

Apoorv Chopra (AR)
Andria Langi (AR)
Thilakam Rachuri (AR)
Ritam Niyogi (AR)
Tali Budman (AR)
Austin Dorn (AR)
Lucas Druet (AR)
Reanna Merasty (AR)
Hillary Beattie (CP)
Dominique Camps (CP)
Mægan Courchene (CP)
Aaron Snider (CP)
Kara Aiello (ID)
Haley Littleford (ID)
Aaron Bomback (LA)
Naomi Ratte (LA)
Mojtaba Hassanzadeh (Ph.D.)
Jeffrey Thorsteinson (Ph.D.)

Social Sciences and Humanities
Research Council (SSHRC)

Connery Friesen (AR)
Tia Watson (AR)
Ben Greenwood (AR)
Lexi Morse (AR)
Jason Wall (AR)
Angie Mojica (CP)
Dylan Chyz-Lund (CP)
Brody Osadick (CP)
Marlena Jankowski (ID)
Evan McPherson (LA)
Desiree Theriault (LA)

Environmental Design

Boe D. Wong Scholarship

Teresa Lyons

Building Energy Management
Manitoba (BEMM) Scholarship in
Architecture and Engineering

Kayla Heppner

Dan Muir Memorial Award

Caitlin Ferris

Dr. A.W. Hogg
Undergraduate Scholarship

Nicole Brekelmans

Faculty of Architecture Design Award

Nichola Basford

Isbister Scholarship in
Environmental Design

Lindsay Mamchur



James Palmer Lewis Student Award
Samantha Miller

James Palmer Lewis
Student Scholarship

Alix Lacerna
Paul Hanbury
Tiffany Lun
Emma Ross
Caelan Chornoboy
Jaden Janzen
Emma Dicks
Dylan Moll
Micaela Stokes

Kasian Scholarship for Architecture
and Design Excellence
Josh Lingal

Michael Cox Scholarship
Corene Stoski

Students' Architectural Society Award
Deveney Jarrow
Emily Barber

Terry Cristall Scholarship in
Environmental Design
Romilie Calotes

University of Manitoba Gold Medal
Josh Lingal

William and Olive Humphrys
Scholarship for Architecture
Caitlin Ferris

Architecture

Alpha Rho Chi Medal
Jessica Piper

American Institute of Architects Medal
Connery Friesen

Arthur Buckwell Memorial Scholarship
Jonathan Bailes

Barbara Humphreys Memorial
Graduate Scholarship in Architecture
Yang Peng

Bill Allen Scholarship in Architecture
Tali Budman (Research)
Laurie Aftanas (Travel)

Canadian Institute of Steel
Construction Graduate Fellowship
in Architecture
Odudu Umoessien

Cibinel Design Achievement Award
Michael Bellstedt

Harry Seidler and John Russell
Recruitment Award in Architecture
Emily Jones
Lucas Druet
Alan Vamos

Le Prix Jacques Collin en Architecture
Ritam Niyogi
Royce O'Toole

Leonard C. Klingbell Scholarship
in Architecture
Victoria Lovell

Manitoba Association of Architects -
Architecture Recruitment Award
Reanna Merasty

Manitoba Association of
Architects Medal
Connery Friesen

Mel P. Michener Architectural Fellowship
Jessica Piper
Ben Greenwood

Norman Ripley Memorial Scholarship
Andrew Fritschij

Number TEN Scholarship
in Architecture
Nicole Luke

Randy Gilbert Memorial Scholarship
for Excellence in Architectural Design
Mackenzie Skoczylas

Raymond S.C. Wan Architect Inc.
Recruitment Scholarship
Laurie Aftanas

Royal Architectural Institute of
Canada Student Honour Roll
Connery Friesen
Jessica Piper
Alyssa Hornick
Victoria Lovell

Royal Architectural Institute of
Canada Student Medal
Ben Greenwood

Stantec Graduate Fellowship
in Architecture
Alix Lanyon-Taylor

William E. Sheets Scholarship
in Architecture
Alan Vamos

City Planning

Canadian Institute of
Planners Student Prize for
Academic Excellence

Angie Mojica

City Planning Jubilee Scholarship

Jayden Koop

Dean David Witty Urban
Design Scholarship

Brennan Johnson

G. Clarence Elliott Fellowship

Angie Mojica

Mayor's Medal (2018 – 2019)

Anton Metalnikov

Thomas B. Yauk MPPI Scholarship

Angie Mojica

Professional Interior Designers
Institute of Manitoba Medal

Katherine Godfrey

Professional Interior Designers
Institute of Manitoba Thesis /
Practicum Prize

Kara Boboski

R.A.C. Memorial Scholarship

Corey Harrison

Roy C. Rettinger Graduate
Scholarship for Interior Design

Khaj Adderly

Ekaterina Kaptiug

Lauren Bell

Julie Hince

Jody Chalmers

Shelja Ahuja

Katryna Lipinsky

Kian Wong

Ethan Loewen

Sumandy Young

Muhammad Jahangir Khan

Lauren Wiebe

Interior Design

Jean M. Pearen Scholarship

Adel Farhat

Joan Harland Scholarship for
Graduate Studies in Interior Design

Jessie Procyshyn

Judy Micay Linhart and Samuel
Linhart Scholarship in Interior Design

Adel Farhat

Stantec Graduate Fellowship
in Interior Design

Ashley Vinsky

Steelcase Prize for Design Excellence

Tamara Barbour

Tamara Kucey Memorial Scholarship

Kian Wong





Landscape Architecture

Alexander E. Rattray Scholarship in Landscape Architecture

*Raazia Mahmood
Jeeth Rateesh*

Andre Schwabenbauer Scholarship (external)

Nicole Reenders

Barkman Concrete Scholarship

*Nicole Reenders
Jamie Coverini
Evan Tremblay*

Canadian Society of Landscape Architecture Student Award of Merit

Desiree Theriault

Carl R. Nelson Travelling Fellowship in Landscape Architecture

*Carl Valdez
Alyssa Magas*

Charles H. Thomsen Award in Landscape Architecture

Karissa Noselski

Department of Landscape Architecture Graduate Fellowship (2018 - 2019)

Evan Tremblay

HTFC Planning and Design Canadian Indigenous Design and Planning Fellowship

Naomi Ratte

James C. Thomas Fellowship in Landscape Planning

Dilaxshy Sivagurunathan

Joys of Landscape Prize

Kathryn McCudden

Landscape Architecture Entrance Scholarship

Raazia Mahmood

Landscape Architecture Thesis Prize (2018 - 2019)

Yiqi Yang

MALA Fellowship in Landscape Architecture

*Kathryn McCudden
Krista Renwick*

Manitoba Association of Landscape Architects Medal

Caila Sveinson

Ted McLachlan Community Engagement Scholarship

Vincent Rara

2019 – 2020 Faculty of Architecture New Awards

HTFC Planning and Design Canadian Indigenous Design and Planning Fellowship

In honour of HTFC Planning and Design's 50th anniversary in 2019, the firm has established an annual fellowship at the University of Manitoba. The purpose of the fund is to support graduate students who demonstrate a strong commitment to Indigenous design or planning in the Master of Landscape Architecture or the Master of City Planning programs in the Faculty of Architecture.

Recipient: Naomi Ratte

Judy Micay Linhart and Samuel Linhart Scholarship in Interior Design

Mrs. Judy Micay Linhart (B.I.D./1963) and Mr. Samuel W. Linhart (B.Comm./58, C.A./61) established an endowment fund at the University of Manitoba in 2017. The purpose of the fund is to provide scholarships for students entering the Faculty of Architecture's Department of Interior Design.

Recipient: Adel Farhat

Number TEN Scholarship in Architecture

Number TEN Architectural Group has established an endowment fund at the University of Manitoba. The purpose of the fund is to recognize and encourage Architecture students whose studies have a Northern Canada and/or Indigenous focus.

Recipient: Nicole Luke





Liv Valmestad, recipient of the 2019-2020 Carl R. Nelson Teaching Award

Carl R. Nelson Teaching Award

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 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.

The 2019-2020 recipient of the Carl R. Nelson Teaching Award is Liv Valmestad. Liv Valmestad is a Norwegian-Canada artist who lives in Winnipeg. She has a B.F.A. from the University of Saskatchewan and graduate degrees from Queen's and Western Universities and a post graduate diploma in art from Ringeby College, Norway. Liv is currently a sessional instructor in the Environmental Design Program, and an Art Librarian at the Architecture/Fine Arts Library at the University of Manitoba.

“LIV IS A POWERFUL TEACHER. SHE EXPLAINS HER VIEWS IN SUCH A MANNER THAT INFORMS BUT DOES NOT SWAY OR JUDGE THE STUDENTS' VIEW. LIV IS UNDERSTANDING AND SUPPORTIVE OF STUDENTS AND IS A GREAT PERSON.”

Barkman Concrete Design Competition

Anna Thurmayr

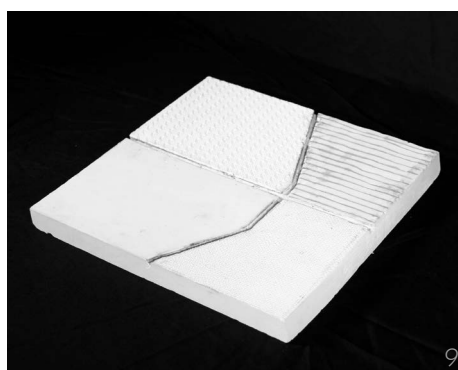
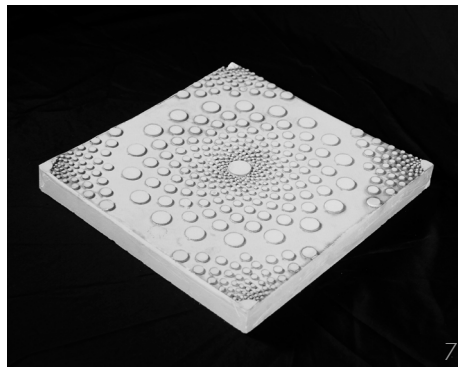
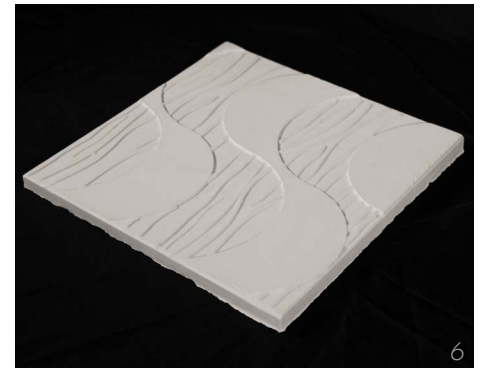
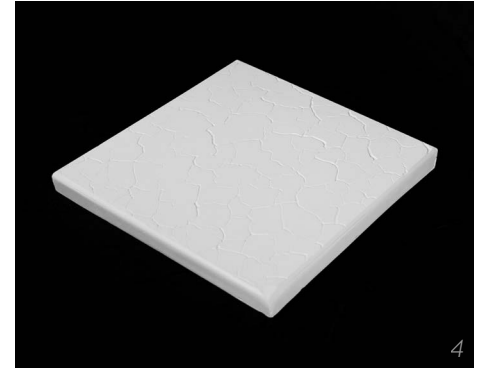
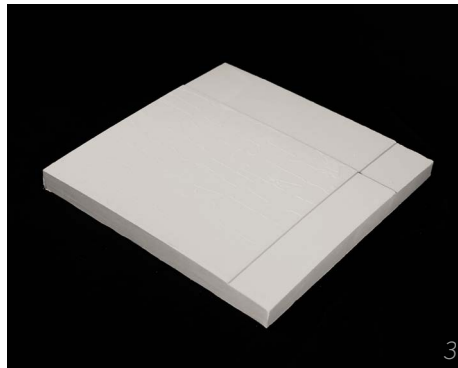
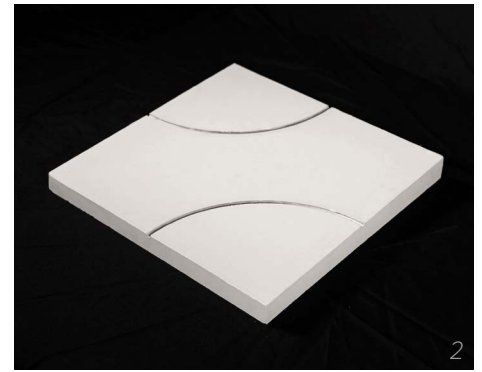
Concrete is known as grey. But concrete has amazing properties! Every year Barkman Concrete Ltd. honours pre-cast design proposals of students that challenge and celebrate the material. The Barkman concrete design competition is unique among faculty-wide design competitions since it promotes communication between industry, educators and students.

The task was to design and detail colour and texture of Barkman's mid-to-large profile paver "Broadway". Barkman Concrete Ltd. was looking for compelling ideas for a walkable, tight concrete surface utilizing colour and pattern in an abstract way. For the design, it was asked that the formwork would result in a surface without any exposed aggregates applicable for commercial and residential projects.

The paver(s)

- needs to be a dry-cast product(s).
- needs to fulfill the requirements of ADA Design Requirements for Segmental Concrete Pavements with vertical changes in level of $\frac{1}{4}$ inch (6.4 mm) in maximum.
- needs to easily slide out of the formwork form.
- needs to be functional and aesthetically pleasing.

The winning design was chosen based on the plausibility and creativity in how to shape, colour and texture the surface of a paver in an intriguing, makeable and affordable way.





1. The Frontier Line / Britani Browning, Megan Westrop, Tanner Fardoe
2. Groovy paver / Aryn Ince-Hazelwood, Augusta Ho, Tristan Osler, Samantha Miller
3. Ashlar paver / Leovin Cruz, Yasaman Kashani, Caitlyn Wolfe
4. Cracked paver / Chidera Emekaduome, Shaheer Saad, Tiffany Lun
5. Clouday paver / Yunge Zhang, Ruining Sun, siji Fan
6. Barkman Broadway Paver "Rapids" / Chan Tao, Lia Liu, Taylor Leard
7. Untitled paver / Michael Joaquin, Jeeth Reteesh, Raazia Mahmood
8. Popsicle paver / Valentina Kolesnik, Ken Ma, Calvin Atuhairwe
9. Manitoba Classic paver / Corrine Dimaria, Charles Calcott, Papa Saliou Fall
10. Drift paver / Emma Bock, Nicole Brekelmans, Annetta Fruefauf
11. Groovy paver / 1st prize
12. Drift paver / 2nd prize
13. Cracked paver / 3rd prize

