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Environmental Design Program
Department of Architecture
Department of City Planning
Department of Interior Design
Department of Landscape Architecture
PhD in Planning and Design

The Faculty of Architecture aspires to offer widely recognised 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.

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For the 50th anniversary of the beginning of building the Berlin Wall in 1961 the Dudes Factory and Lux Pop Art Group, presents the "FREEDOM PARK" a painting exhibition from a selection of the best contemporary artists made on the original cement segments of Berlin Wall. Watch the artists and their work online: <http://vimeo.com/30066329>

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(2013-2014)

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UNIVERSITY
OF MANITOBA

Faculty of Architecture

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Radialsystem, Berlin

Letter from the Dean

OUR CENTENNIAL YEAR

This year has truly celebrated and reaffirmed the relationship between the Faculty of Architecture, its four professional programs, and the four professional associations with which these programs share a common goal. We have celebrated our Centennial in various venues, the two most noteworthy of which were large alumni events taking place in Vancouver and Winnipeg. The attendance was significant and the mood ebullient. The events facilitated exchange between alumni and faculty past and present allowing alumni opportunities to connect and reconnect. Most importantly, the events underscored the interdependence of education and practice, setting the stage for the development of

the Faculty of Architecture Strategic Plan. Undertaken in the Centennial spirit, this initiative culminated in a meaningful Faculty Retreat in late March, setting the stage for the remainder of this year, the first year of our second century. It is expected that this Strategic Plan will focus and extend the mission of the Faculty in service of students as future practitioners, in support of faculty as leading educators and researchers, and in outreach to professional and community stakeholders.

Further underscoring this commitment to the future, the University of Manitoba successfully completed the Visionary (re) Generation Open International Design Competition and the commitment

to “envisioning a sustainable campus community” incorporating the Southwood Lands and underscoring the importance of design for transformative change. The number of submissions to the Competition was significant, the deliberations of the Jury extensive, and the results embracing of all communities internal and external to the University. The Faculty and its students can be proud of their involvement in this process and in the results achieved. We all look forward to the unfolding of this project in the coming years. In support of the objectives of the University in its planning on the Fort Garry Campus, an important workshop addressing indigenous planning and design is scheduled for this November with the

full participation of the Planning Phase consultant team, led by Janet Rosenberg & Studio.

Aligning architectural with environmental design to achieve prominence in national and international arenas, this year saw the ongoing participation of the Faculty in the Warming Huts Competition in the form of SKYBOX, a successful contribution prominently positioned at the entry to the Red River Mutual Trail. This year's contribution was designed and implemented by Faculty students, Matt Hagen, Ryan Lewis, and Evan Taylor, under the very able guidance of longstanding MAA member Professor Herb Enns. In another cold-climate venue, Professor Lancelot Coar and Ralph Glor led two teams in the successful participation of the "Arctic Adaptations" entry to the Venice Architecture Biennale of 2014 where the work of Faculty students Caroline Ingles and Tyler Jones was showcased in the Canadian Pavilion along with the other entrants from Universities across Canada.

The Faculty of Architecture is also very pleased that the Partners Program, under the leadership of MAA member Jacqueline Jasinski, has undergone an extensive facilitation reviewing goals and objectives. Partners presented a refocused "Partner-in-Residence" Program at the Partners AGM in September, 2014. This innovative program imbeds members of industry in the Faculty, facilitating a much more immediate relationship to students and faculty members alike. The events of the evening included a well-deserved homage to Faye Hellner, whose enthusiasm and energy was instrumental in the founding of the Partners Program. And, in this spirit, it was a pleasure to announce Michael Robertson is assuming the Chair of the Partners Advisory Board and that Thomas Fougere of EQ3 has joined the Board. Both are important alumni of the Faculty and both will be engaged with both Partners activities as well as teaching this academic year.

Our initiatives with regard to internationalization continue to bear fruit. The Memorandum of Understanding signed last year with the Faculty of Architecture at the Technical University of Munich (TUM), one of Europe's leading design and research institutions, has resulted in our first student exchange (in both directions) and a summer faculty exchange with Dr. Mohamad Araj

appointed as a Visiting Researcher at the prestigious Oskar von Miller Forum as well as a Visiting Professor at the TUM's Faculty of Architecture. His work over the summer assisted in facilitating the first Environmental Design Workshop (September, 2014). Presenters at the Workshop included Transsolar's Thomas Auer, who now also holds a Professorship at the Technical University of Munich, and the Faculty's new Partner-in-Residence, Mark Pauls of Manitoba Hydro. A special thanks also goes to Tom Akerstream of Manitoba Hydro, an alumnus of the Faculty, for facilitating connections and offering support at crucial junctures with regard to our European connections as well as our new Partner-in-Residence Program.

This year, the Faculty will undergo a series of internal and external program reviews. The Environmental Design Program, which includes the U1/ED1 and ED2 years as well as the ED3 and ED4 option years, will undergo a comprehensive program review. In the fall of 2014 and the summer of 2015 respectively, the Graduate Programs in Architecture and Interior Design will undergo Self Evaluation Reports. In addition to these internal evaluations (all of which will include external reviewers), the three Graduate Programs of Architecture, City Planning, and Landscape Architecture will undergo their periodic professional accreditation reviews (all in the winter semester of 2015). These involve extensive resources and this past year the Faculty has provided substantial financial resources to assist Departments in preparing for successful evaluations and accreditations in the coming months.

Complementing these reviews, the Faculty is also undertaking searches for all our Heads of Departments. Currently external searches are underway for the Headships of Architecture and Interior Design. Headship appointments are cyclical in nature, but whether internal or external, searches provide opportunity for Departments to assess and reassess their own strategic goals and plans. Taken together with the Faculty's own Strategic Plan, this year will be a productive one for renewed focus, commitment, and energy towards the goals held in common with the Faculty and the Design Professions.

On a personal note, this past year I've also had the privilege of teaching two new

courses. The first, a seminar, was entitled "The Western: Cartographies of Ideology, Representation, and Landscape" that was offered as a Faculty-wide elective and cross-listed with Film Studies and Native Studies. It brought together students from diverse backgrounds ranging from Cree to Afghani, Turkish to Albertan. The second was the Interdisciplinary Berlin Studio, co-taught with Kim Wiese, an Instructor in Environmental Design and an alumna of both Interior Design and Architecture. This Studio brought together students from all the pre-professional options in Environmental Design starting with a field trip to Berlin and culminating in a final review with many local professionals.

Finally, the Faculty of Architecture Endowment Fund, currently standing at a reserve of circa 1.3 million and funded over the years largely by student donations, has also undergone a periodic change of Chairpersonship. Past MAA President Michael Cox has been a wonderful and able Chair for the last two years and, in March, the Endowment Fund Committee elected Past MAA President John Petersmeyer. Michael and John, alumni of the Faculty, bring perspective and continuity to the long and proud tradition of professional design education at the University of Manitoba and it is exciting to report that in mid-October the Endowment Fund Committee passed a significant reorganization that will enable the Fund to better serve our students, faculty, and alumni. ■

Ralph Stern
Dean, Faculty of Architecture
University of Manitoba





Environmental Design Program

By Marcella Eaton | In Fall 2013, the Environmental Design Program had an intake of 97 students from an application group of 245. Scott Barham, who organizes the pre term Urban Media Lab, had these students learning and working together in the Exchange District in August 2013.

In August 2014, the Chicago Trip, with 28 students and led by Kim Wiese, was a success. This trip is open to all Environmental Design 3 students, to provide the opportunity to explore the rich culture Chicago has to offer and to travel with classmates from other Options.

In May 2014, the Faculty was delighted to have 96 students successfully graduate from the Environmental Design degree program.

The Students Architectural Society (SAS) hosted a wonderful graduation celebration at the Hotel Fort Garry. We are proud of our graduates and wish them all great success in their future careers!

Mohamad Araj, PhD was invited as the TUV Sued Foundation Visiting Professorship at the Technical University Munich. He was also honored to join the Oskar von Miller Forum in Munch as a Guest Scientist. This may lead to the development of joint research proposals with the University of Manitoba and TUM. There is further discussion of Mohamad's work in this issue (see page 90).

Jae-Sung Chon travelled to Seoul, Korea in June to present two papers at the

"Open Cities, 2014 ACSA International Conference". The papers were titled "Emergence of Anecdotal 'Moment-Spaces' in Contemporary Cities" and "Emergent Models of Architectural Education: Pedagogy". His recent interior design work "Kimchi Sushi – Japanese Korean Restaurant" was awarded the Grand Jury Prize of 2014 Commerce Design Winnipeg. In July, Jae created and organized a national graphic design competition/ exhibition titled "POSTCARD" in Winnipeg 2014.

Alyssa Schwann completed her Action Canada year in May 2014. The theme for 2013-2014 was "Development of Public Policy for Northern Canada". Alyssa co-authored "A Question of Future Prosperity:

Developing a Heritage Fund in the Northwest Territories". We are proud that she is the first designer to take part in this program (read complete article of Alyssa's experience on page 69).

Kim Wiese has been working with Jason Hare to schedule information visits, tutorials, and workshops in the FABLab. Kim also attended the TEXFab Conference in Austin in February 2014.

The ED Architecture Option students travelled to diverse sites including Berlin, Brazil, Chile, New York, and Vancouver depending which studio group they were in. The ED Interior Environments Option is planning travel for this academic year. The ED Landscape + Urbanism students travelled to Europe including Amsterdam, Rotterdam, Utrecht, Duisburg, Paris, London, Montreal and Toronto.

We look forward to the 50th anniversary of Environmental Design in the Faculty of Architecture in 2016. In 1968, Jonas Lehrman and Carl Nelson Jr. published an article in Canadian Architect titled "Architectural Education: The Search for Change". The sentiments of that article remain valid today. The context for environmental design education proposed at the University of Manitoba in 1966 had an ethical base that encouraged students to question the use of materials, energy, and the cultural heritage which design draws from.

"In September 1966, the Faculty of Architecture of the University of Manitoba introduced a new study program. This program reflected the changing nature of professional practice and the growth in scale and complexity of the environmental design's challenge.

The complexity of the environment is felt to demand a closer inter-relationship among the various environmental disciplines. Increasing evidence of the effect of the environment on man (sic) makes it ever clearer that the total impact, that is to say the interaction between man and his environment, is a result of behavioural and cultural characteristics of society. To express this it is necessary that those professions whose role it is in society to give form to the environment must understand the behavioural and cultural characteristics of society, and must have the means available to express them and the opportunity to test

the validity of their ideas. It may be possible, through such an approach, to understand the total consequences of one's actions. The development of an ecological attitude, parallel to and integral with the development of professional competence, is the goal of the new curricula." (Jonas Lehrman and Carl Nelson Jr., "Architectural Education: The Search for Change", Canadian Architect, 1968, pp.53-54)

We will mark this anniversary with a publication to celebrate fifty years of environmental design education in the Faculty of Architecture! ■

Marcella Eaton, Ph.D |

Associate Dean (Academic), Chair, Environmental Design Program, Associate Professor, Department of Landscape Architecture.

Environmental Design Program

Mohamad T. Araji, Ph.D	Assistant Professor
Jae Sung Chon	Instructor II
Herbert Enns	Professor
Alyssa Schwann	Assistant Professor
Kim Wiese	Instructor II





In the Emergent Future Studio, students are asked to develop a foreseeable emergent future and are tasked to create an intervention that offers solution to the future scenario. In New Nature, the intervention is a response to the growing concerns of the Anthropocene – a new geological era marked by the impact of human activity on Earth.

As ecosystem destruction continues to rise, the answer to how we fix an ecological problem may lie within technological advancement. In this emergent future, natural systems have been degraded to a point where they cannot heal by themselves and are broken down and damaged enough to no longer be able to produce for the demands of the growing populous. And so we turn to new nature... nature enhanced, recreated, and reimagined through technology, genetic modification, and or other innovations achievable through technology.

The design addresses six major concerns of the emergent future; with the intervention of how waste water is managed, the preservation of biodiversity, a new industry based on this new nature, the health of ecosystems and people, and the migration of not only animals

and people, but also the systems that run through the site.

The design is a juxtaposition of nature and infrastructure, an idea of coexistence of technology on our right, infrastructure on our left, and the new nature at its centre. It is a collaborative sector, intertwined with movement, pathways, water systems, remediation infrastructure, habitat creation, and a collection of bio-technological research facilities. All are armatures cast in place to support the creation of new nature, all the while, engaging the public realm by making research and development part of the public realm. The intervention is intended to create a complex infrastructure weaved within the colorful fabric of downtown Toronto, one that aids the populous in remediation, research, education, recreation, preservation, and leisure.

It mixes the improbability of all these things together on a piece of land that the city never truly had and implements it for the people and the emergence of this new ecological based industry through a collaborative approach where the public realm is actively engaged with the development of new nature. ■





Department of Architecture

By Terri Fuglem | The 2013-2014 academic year was especially eventful with a wide range of activities that included a centenary celebration of the Faculty of Architecture. The Department of Architecture offered students a delectable menu of foundation and vertical studios that included field trips to Calgary, Toronto, Los Angeles, Copenhagen, Chile, Shenzhen and Hong Kong and that covered topics from Flood Architecture to projects for Freetown Christiania in Copenhagen. Dean Ralph Stern ran an interdisciplinary studio in the second term that travelled to Berlin. Two vertical studios participated in the Arctic Adaptations: Nunavut at 15 project, which was the Canadian entry to the 2014 Venice

Biennale organized by Lola Sheppard and Mason White of Lateral Office in conjunction with five Canadian Universities and five Nunavut communities. Students at the University of Manitoba studied the northern communities' needs for recreation, and embarked on a transformative field excursion to Rankin Inlet. To this end, an ideas competition for a recreation proposal was held in November 2013, and as a result students Caroline Inglis and Tyler Jones were selected to travel to Whitehorse to develop their winning scheme with the renown firm kobayashi + zedda architects ltd. The final Canadian entry, which included works by student teams developed with five northern architectural firms, was given

Special Mention by the Venice Biennale jury. The Department of Architecture would like to congratulate the students, the instructors Ralph Glor and Lancelot Coar, as well as architects Jack Kobayashi, Antonio Zedda, and especially Lateral Office who should be recognized for their exemplary organization, creativity, vision and commitment to education.

2013-2014 was notable for other international recognitions. Three students in Lisa Landrum's studio won prizes for their submissions to the International Student Video and Poster Competition at the Bi-City Biennale of Urbanism + Architecture in Shenzhen: Liane Lanzar (2nd place), Dazhong Yi (3rd place) and Sarah Stasiuk,

(3rd place). Chris Burke and Kyle Janzen (alumnus, 2012) won The People's Choice award for a light-based installation project in the 2014 Architizer A+ Awards. Sylwia Sieminska was selected to conduct research for an optimized masonry and concrete thin-shell vault in Copenhagen based on her Thesis work with Mark West.

Faculty research continues to be exemplary; Eduardo Aquino, Lancelot Coar and Patrick Harrop participated in the exhibition, *Sensing the Future: Moholy-Nagy, Media and the Arts*, held at Plug-In ICA and curated by Dr. Oliver Botar of the School of Art. This exhibition was funded with a SSHRC Insight grant and will travel to the Bauhaus Archiv in Berlin this Fall.

In February Dr. Landrum organized a lively and hugely successful Atmosphere Symposium along the provocative theme of "Action." Keynote speakers included Andrew Todd, Alex Gilliam, Lindsey Dugill, Michael van Gessel and Kanten Russell. This year's External Examiners for Design Thesis were Peter Hasdell, a former member of our Department now at Hong Kong Polytechnic University, and Dr. Rachel McCann, University of Mississippi, College of Architecture, Art + Design. The Architecture graduate program also undertook a self-evaluation at the behest of the Faculty of Graduate Studies; the report was submitted in January 2014 and the review visit will take place in November. Finally, 2014-2015 will be a professional accreditation year; the Architecture Program Report was submitted September 15, and the Canadian Architectural Certification Board team will visit in February/March 2015. ■

Terri Fuglem |

Acting Head of the Department of Architecture,
Associate Professor.

Department of Architecture

Eduardo Aquino, Ph.D	Associate Professor
Lancelot Coar	Assistant Professor
Herbert Enns	Professor
Eduard Epp	Associate Professor
Patrick Harrop	Associate Professor
Lisa Landrum, Ph.D	Assistant Professor
Ian Macdonald	Professor Emeritus
Ralph Stern	Professor & Dean
Natalija Subotincic	Professor
Mark West	Professor



**Society of Dreamers - Renovation of
Bowery's Whitehouse Hotel and
Hostel 340 Bowery, New York City**

Architecture
Graduate Studies

.....
Dazhong Yi

*We all sleep in the city, and our dreams diffuse
across the city*

*MAN IS TWO men; one is awake in darkness,
the other is asleep in light.*

Kahlil Gibran

This project explores ambiguous boundaries between public and private space, and between being asleep and being awake. The proposed building, a 150-room hostel in New York City, creates interrelationships between these spatial and experiential thresholds. The building and room design creates interactive loops between sleeping and awaking, between a sleeper and the city, and between individuals and strangers dreaming together under one roof. I have named the project after these interrelationships: Society of Dreamers.

Inspiration for this project came first from my experience staying in the Whitehouse Hostel in New York City, a single-room occupancy building in operation since 1917. With a series of drawings, I explored this hostel's miniscule sleeping room (just one

meter by two meters by two meters), and the intensity of direct and indirect connections between my body and the space. The Whitehouse Hostel at 338 Bowery became the site for my design project. This project also grew from my research into sleeping in the city and on the street. Sleeping in the street is a society problem, but I interpreted the poetic contradiction of performing this very personal act in public. My research asked how our perception of inside and outside, and of private and public space, might be challenged by paying attention to this cultural phenomena. Finally, this project arose from a global predicament involving affordable and dignified accommodations for transient individuals, be they teenage backpackers, migrant workers, refugees, or jet-setters. All these people, regardless of their situation, remain sleepers and dreamers.

Together with responding sensitively to the historic site and city, the primary design task consisted of creating a new spatial interpretation of public sleep. The sleeping unit explores the physical and

psychological thresholds between being awake and asleep: between consciousness and unconsciousness, darkness and lightness, the illogicality of dream and hyper-functionality of a 1x2x2 meter material world.

The design of each tiny room accommodates two primary gestures. The gesture of sleep is shifted out toward the city. Although asleep, the traveler lays in light. The sleeper dreams while subconsciously connected with the city. The gesture of awake is pulled back into the material world of the building. The conscious traveler stands, dresses and undresses in darkness, connected to the society of urban strangers within. The shift at the threshold represents our sleeping rhythms, our diurnal circle.

The entire building is created by stacking and interlocking sleeping units. Dark exterior corridors run in between. Public spaces are located outside the unit massing. The public street continues into the building at grade. Through the architecture, the city and the society of dreamers become intertwined. ■







Department of City Planning

By Richard Milgrom | The 2013-14 academic year was another year of change for the Department of City Planning. Following a leave that took him to Australia, former Department Head Dr. Ian Wight retired at the end of June. Although he will continue to be associated with the Department as a Senior Scholar, we will miss his presence and his unique perspective. The Department will endeavor to build on the strong relationship that he had forged with the Canadian Institute of Planners and its local affiliate, the Manitoba Professional Planners Institute.

The Department also welcomed a new full-time faculty member, Dr. Janice Barry. Dr. Barry's appointment supports the

Department's desire to increase its capacity in Indigenous Planning, both in terms of teaching and research. She completed her PhD in planning at the University of British Columbia, followed by a post-doctoral fellowship at the University of Glasgow, and an appointment at the University of Sheffield. She brings strong connections to researchers Canadian and international researchers engaged with issues of Indigenous planning and governance.

With departure and new faculty appointments, the Department had to rely on some new (to us) faces to deliver curriculum. Dr. Wight had developed his course in Professional Planning over the last two decades, but Martin Sandhurst (MCIP)

and Paul McNeil (MCIP) stepped in this year. The brought a wealth of experience from private and public sector practice. Orly Linovski, who was completing her PhD in Planning at the University of California Los Angeles was hired to teach in Principles of Urban Design, and also offered a course on Transportation and Urban Form, that brought together students from planning and civil engineering. Ms Linovski also worked on curriculum development, providing materials to increase our urban design course offerings.

Studio content for the term focused, as usual, on a range of scales. Studio 1, led by Dr. Richard Milgrom and Molly Johnson addressed age-friendly community planning

in three rural towns – Galdstone, Tyndall/Garson, and Beausejour. Students suggested planning and design strategies that would make all of the places better for older adults. David van Vliet’s studio worked with the Partnership for the Manitoba Capital Region (PMCR) – this ongoing work is building a strong collaborative relationship, that is further supported by internship positions for students when the studio work is completed. Dr. Barry’s Indigenous Planning Studio continued work started the previous year with Brokenhead Ojibway Nation and Sagkeeng First Nation. Regional Gatherings associated with this studio, supported by the Assembly of Manitoba Chiefs and the University’s Executive Lead for Indigenous Achievement, attracted participants from other First Nations that we hope to work with in the coming years.

Students attended and participated in the Canadian Association of Planning Students Conference February. While in Toronto, they also met with a variety of practitioners, academics and activists in support of their course work. The first year students also presented their age-friendly studio work at the Manitoba Planning Conference in March.

Over the course of the year, the Department has also worked to increase its connection with program alumni. Dr. Milgrom has been visiting cities across western Canada in this effort, and we have also started a LinkedIn group, to connect alumni. ■

Richard Milgrom, Ph.D |

Head of the Department of City Planning, Associate Professor, Associate Dean (Research)

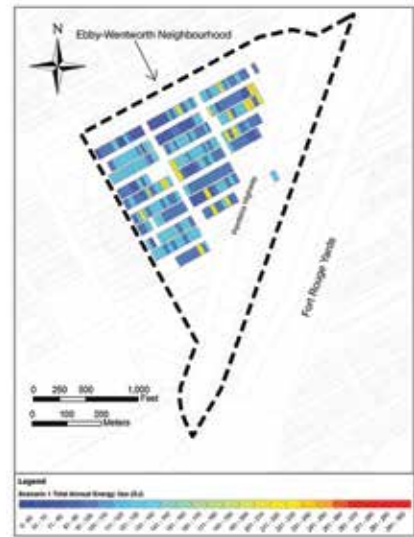
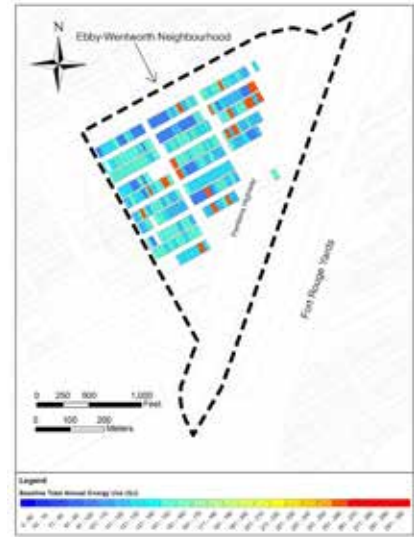
Department of City Planning

William Ashton, Ph.D	Adjunct Professor
Sheri Blake, Ph.D	Senior Scholar
Janice Barry, Ph.D	Assistant Professor
Rae Bridgman, Ph.D	Professor
Mario Carvalho, Ph.D	Professor Emeritus
Gerald H. Couture	Adjunct Professor
Jino Distasio, Ph.D	Adjunct Professor
Christopher Leo, Ph.D	Adjunct Professor
Orly Linovski, Ph.D	Adjunct Professor
David Linton	Adjunct Professor
Shauna MacKinnon, Ph.D	Adjunct Professor
Linda McFadyen	Adjunct Professor
Jeannette Montufar, Ph.D	Cross-Appointment (Civil Engineering)
James Platt	Adjunct Professor
Ian Skelton, Ph.D	Senior Scholar
Jean Trottier	Cross-Appointment (LA)
David van Vliet, Ph.D	Associate Professor
Ian Wight, Ph.D	Associate Professor

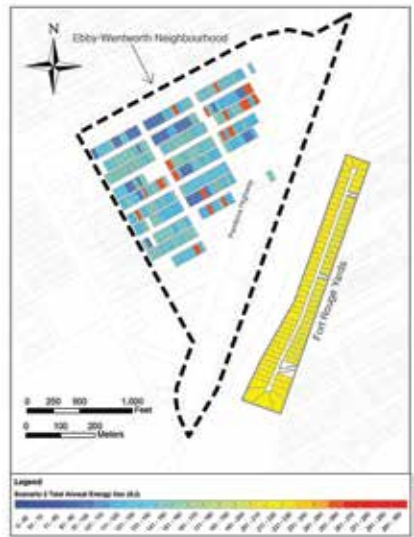


In light of pressing challenges including climate change and energy security, urban planners are increasingly being required to make decisions that can be attributed to reductions in energy use and greenhouse gas emissions. Energy mapping is an emerging approach used to make improved energy-related decisions and predict energy performance, although at the time of writing, has not been applied within a Manitoban context. Informed by promising practice utilized in other Canadian locales, this practicum entitled “*Energy Matters: Evaluating the use of the energy mapping approach in Winnipeg, Manitoba*,” creates an energy mapping process for use in the City of Winnipeg’s residential sector. The Ebby-Wentworth neighbourhood and the Fort Rouge Yards site are analyzed to develop and test the mapping process. The process begins with determining baseline energy use for the Ebby-Wentworth neighbourhood. Baseline energy use is then compared to three development scenarios, which include

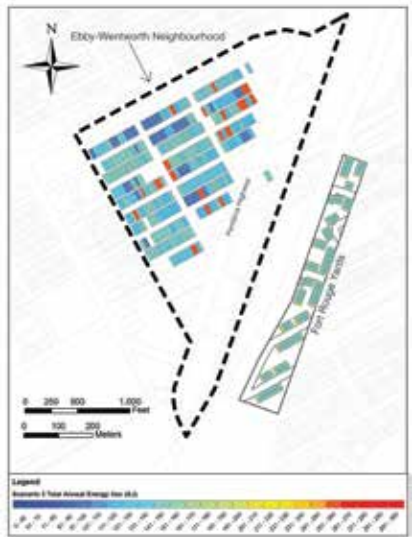
the use of retrofits to dwellings from the Ebby-Wentworth neighbourhood in Scenario 1, and new construction on the adjacent Fort Rouge Yards site in Scenarios 2 and 3. The results of applying the energy mapping approach in Winnipeg demonstrates this to be a key decision-making tool for planners looking to make informed decisions related to energy-using equipment, building and site design, and land use and infrastructure. Recommendations include: increased use of the energy mapping approach as a decision-making tool through enhanced collaboration between federal and provincial authorities, municipalities, and utilities; incorporating energy considerations into the planning and development process through revised and updated energy legislation, policy and programming; and, further refining and testing of the energy mapping process to develop a best-practice approach for mapping energy use within the Province of Manitoba. ■



Scenario 1



Scenario 2



Scenario 3

Dwelling Archetype	Phase of Mapping Process	Typical Dwellings
1/7	Baseline/ Scenario 1	
2/8		
3/9		
4/10		
5/11		
6/12		
13	Scenario 2	
14		
15,16,17	Scenario 3	



Department of Interior Design

By Lynn Chalmers | The Department is celebrating ten years of graduates from the Masters of Interior Design, first professional degree, this year. It is the only Masters program in Interior Design, in English speaking Canada.

This year is also a cause for celebration as Professor Emeritus, Joan Harland (Department Head 1953 -1976) celebrates her 100th year. We wish her continued good health and a very happy centennial year.

The past year was a year of considerable achievements for the Department and it's students and graduates: Erika Sammons (MID grad 2011) was selected as one of the Top 5 up-and-coming interior design professionals by the Interior Designers of

Canada (IDC). Top 5 Under 5: Canada's Emerging Interior Designers posed a design challenge asking applicants to design a retail and community space for Women's Education and Literacy Nepal (WELNepal), a not-for-profit organization that aims to empower Nepalese women by providing them with opportunities for education and economic self-sufficiency. Erika was part of the Emerging Designers Panel at IIDEX 2013 in Toronto, representing Masters graduates well with her articulate and thoughtful responses. Erika is working for Winnipeg-based firm ft3 Architecture , Landscape & Interior Design.

A number of our graduate students participated in the fourth annual Nuit

Blanche Winnipeg on September 28. Onilee Zaborniak, (MID grad 2013) won second place and a cash prize with her Micro Dwelling installation for the inaugural Emerging Voices Student Art competition. A collaborative team of three students from the Faculty of Architecture Jessica Kost (ID), Jen Norrie (ID) and Michael Lucenkiw (LA) were chosen by the Nuit Blanche committee to exhibit their installation Circuit as part of the fourth annual event.

Master of Interior Design student, Renee Struthers' submission was selected as one of the ten finalists in the International design competition SHADE initiated by MAKE & the Studio for Transformative Urban Forms and Fields (STUFF). Her work was exhibited

at MAKE on Corydon Ave from September – October, 2013.

Matthew Jolly (Interior Environments option) was selected to exhibit his prototype w[RACK] wine rack at the Interior Design show in Toronto in January 2014. These accomplishments reflect an emphasis on making and craft that we hope to continue to develop and grow alongside the strong culture of interior design research that distinguishes the Masters of Interior Design program at the University of Manitoba. Corrie Allen (MID student) was one of the top students from across the University of Manitoba in the competition for the 3-minute-Thesis, winning an iPad mini and an opportunity to go to the finals on February 25, at St. John's College. The name of her project is "Exercising the Right to be Trans: Redesigning the North American Fitness Club to Reflect Non-Binary Bodies and Identities".

This year marks the inaugural deployment of the Indoor Environmental Quality (IEQ) cart, a computer-controlled portable instrument tree capable of measuring the air quality, visual & thermal comfort and acoustic conditions in existing buildings. The IEQ cart has been in development for the past several years by Dr. Shauna Mallory-Hill with technical support from local industry partner, Price Industries Ltd. The IEQ cart is part of a research program examining the relationships between indoor environments and occupant productivity and wellness. Mallory-Hill, working with Dr. Mohamed Issa from the Faculty of Engineering and several PhD students, pilot tested the IEQ cart this Spring in two major research studies involving workplaces and schools.

Our professors continue to present at conferences, author chapters and books, provide leadership in a number of professional organizations and receive accolades for their teaching but our proudest successes are those of our students. We celebrate seeing students make presentations in professional venues such as Jennifer Norrie (MID 2014) who presented her poster "Cultural Connections: The Role of Design Research for an Improved Aboriginal Women's Shelter" at the International Conference of the Environmental Design Research Association (EDRA44) in May. Jessica Kost (MID 2014) presented "Caring for Caregivers: The Design of an Independent Hospice Facility in Winnipeg, Manitoba" at

Hospice and Palliative Care Manitoba's Annual Provincial Conference, in September; and MID thesis student Ann Callaghan gave a lecture about her research to explore the use of nature-based features in workplaces to reduce worker stress at this year's Canada Green Building Council's Annual National conference "Building Lasting Change", 2-4 June in Toronto.

Dr Mary Anne Beecher left us this year to take on the Chair position in the Design School at Ohio State University. We wish her every success, and celebrate the considerable contributions she has made to the curriculum and the positive momentum of the program in the last 5 years.

The year saw the passing of three very significant figures in the history of the Interior Design program:

Robert Ledingham, alumni of the interior design program at the University of Manitoba, and recipient of an honorary doctorate from the University of Manitoba:

"Robert Ledingham's contribution to the interior design profession was immeasurable. He was instrumental in advancing the profession locally, nationally, and internationally, and was a leader in the development of the interior design educational accreditation process in North America." Quoted from the Interior Designers of Canada Foundation website. The IDC Foundation has established a Legacy Fund in his honour.

Dr. Dana Stewart, former professor and department head in Interior Design (1994 - 1997) brought valuable expertise from Settlement and Housing Studies to the Faculty. Dana had a great commitment to and enthusiasm for design, and interest in the quality of the built environment. She brought a broader perspective to the Headship, creating strong links to City Planning research, recognizing that the disciplines have much in common.

"Dana was able to work at highly regarded Universities where she shared her love for teaching with her many friends, colleagues and students that were an integral part of her success and happiness. She was a mentor, an advocate and a lover of all things design." Winnipeg Free Press Obituary

Professor Grant Marshall, "Grant had a prolific career. Upon graduating from the University of Manitoba in 1955, with the Gold Medal, he went on to teach at the

faculty, becoming head of the department from 1989 until 1994. He loved teaching and was an adored professor at the Faculty of Interior Design. This was always evident during his regular trips to Toronto for the Interior Design Exhibition, where he would be stopped every few minutes by former students wishing to say hello. He was a founding member of the Interior Designers of Canada Foundation. Amongst his several awards and accolades he was particularly proud of his receipt of The University of Manitoba Alumni Jubilee Award (1980), and The Manitoba Premier's Award of Excellence for Interior Design for his work on the Anne Ross Daycare Centre (1985).

Grant was a champion of the arts and theatre. He designed the sets and costumes for seven works for the Royal Winnipeg Ballet as well as for the Winnipeg Contemporary Dancers and Rainbow Stage. He was a board member of The Royal Winnipeg Ballet, The Royal Winnipeg Ballet School and Rainbow Stage. He chaired the decorations committee for the Winnipeg Art Gallery, designing five gala fundraisers, and sat on the advisory committee for the Manitoba Craft Guild." edited from the Winnipeg Free Press Obituary.

"What is a teacher? I'll tell you: it isn't someone who teaches something, but someone who inspires the student to give of her best in order to discover what she already knows."

Paulo Coelho, *The Witch of Portobello* ■

Lynn Chalmers, M.Des. |

Acting Head of the Department of Interior Design, Associate Professor. *Pictured Below*

Department of Interior Design

Kelley Beaverford	Associate Professor
Susan Close, Ph.D	Associate Professor
Michael Cox	Dean Emeritus
Joan Harland	Professor Emeritus
Cynthia Karpan, Ph.D	Associate Professor
Shauna Mallory-Hill, Ph.D	Assistant Professor
Nancy Maruca	Associate Professor
Tijen Roshko	Associate Professor



Brooklyn Bridge - City Hall: Rethinking the New York Subway Station

Interior Design
Graduate Studies

Clifford Goodwill

As subway ridership around the world increases the typology has an opportunity to play an increasingly important role in the daily routine of urban dwellers. Underground spaces pose unique psychological and physiological stresses on occupants; therefore, an opportunity exists to rethink the subway station interior to respond to the experiential and existential conditions of the traveler. This practicum aims to address these issues by focusing on picnolepsy, non-place and biophilic design methodologies.

Paul Virilio's theories have cultivated aesthetically derived notions of disappearance and fractalization in relation to both physical space and disappearance. Moreover, his concept of picnolepsy informed spaces of accelerated procession by evoking a deconstruction of the labyrinthine term. This interpretation was completed through an analysis of film-sculpture, the creation of video documentation, and the deepened understanding of moiré's effects on human perception. These multidisciplinary modes of investigation brought to life the coherence - incoherence relationship that currently exists in transitional environments. Overall, the concept has equipped the final design with a conceptual aesthetic laden with ephemeral veracity.

Picnolepsy is the result of movement, as is the condition of non-place. Although non-place designates transience and alludes to insignificance, these fragmented experiences can compose a substantial portion of one's life. This practicum interprets non-place to better understand the subway station by means of movement and the resulting effects on human behavior. The intention of this analysis is to design space that is insightful and appropriate to the behaviors associated with non-place and crucially linked with increasingly intimate concepts of culture, space and identity.

Spatially speaking, passengers act fundamentally alone as they are siphoned through the transport system, possessed in spaces of either speed or pause. This duality lends itself to strategies that address these conditions separately. Biophilic design

methodologies have been implemented to increase comfort and evoke emotion through the contrasting yet interrelated concepts of prospect and refuge. Understanding these co-conditions has enabled bold design strategies to be implemented with confidence to enhance the traveler's experience. The subway provided a unique setting for the deployment of these techniques as an underground, transitional and public space. The aesthetic that resulted from this investigation merges the artificial with natural, imbuing the interior with a new complexity and logical hierarchy that our evolutionary senses desire.

In addition to a literature review and precedent analysis, a study-travel to New York City was taken in July 2012 and July 2013 for site selection, site documentation, and to increase my understanding of the subway environment and the surrounding context. The site that was selected for this practicum is the Brooklyn Bridge - City Hall station located underneath the junction of Chambers and Lafayette Streets in Lower Manhattan directly across from the Brooklyn Bridge. Chosen for a myriad of reasons, the site provided unique opportunities for intervention. Inside the station, and completely hidden from passengers, are east and west side platforms. These platforms were built in 1904 and abandoned after only six years of service. Consequently, the abandoned platforms provided opportunity for programmatic expansion within the station - later becoming subterranean galleries.

The theoretical framework in this practicum is related and created by human movement - a benchmark of any travel space. Although this project addresses the subway station typology specifically there is opportunity to expand on these concepts to other spaces of travel as well. Most importantly, it is my hope that this project has represented how interrelated concepts can be used to support conceptual development within interior design practice. ■





Department of Landscape Architecture

By Karen Wilson-Baptist | The Department of Landscape Architecture is very proud to announce the bestowing of the prestigious designation of Olmsted Scholar upon two extraordinary students, Shawn Stankewich in 2012, and Taylor LaRocque in 2013. You will learn more about their work, and the Landscape Architecture Thesis/Practicum Prize winner Chelsea Synnychych elsewhere in this issue.

The restructured Master of Landscape Architecture is running smoothly, allowing for clarity in admissions procedures for students with a non-design first degree; those with a design but non-Environmental Design first degree; and incoming students with an Environmental Design first degree.

15 students were admitted to the program in the 2012-2013 academic year, and 17 in the 2013-2014. Additionally, 12 (2012-2013) students have successfully completed their degree during that time period.

Travel continues to be a fundamental ingredient of our students' education. We continue to begin the third year Landscape + Urbanism option of the Environmental Design (B.E.D.) program with the European Field Studies Program. This year, the students visited projects in France, the Netherlands, Germany and the United Kingdom. The MLA students traveled to the Okanagan Valley in winter term 2013, and Montreal in the autumn term of 2013. A large cohort of students from the final EVLU

studio attended the Council of Educators in Landscape Architecture conference in Austin, Texas in March of 2013 – mostly by road, for another great landscape experience. Meanwhile, many studios were based in and around Winnipeg. An optional graduate Field Studies course was offered in spring 2013, with field trips to Delta Marsh, Spruce Woods Provincial Park and the Assiniboine Forest. We anticipate students applying for the exchange program with the Technical University in Munich (TUM) this year as well as the ongoing program with the Swedish University of Agricultural Sciences (SLU). Over the last year visiting students from Brazil, Germany and Sweden have joined our undergraduate and graduate studios.

Alan Tate (Department Head 2011-2013) hosted the MALA dialogues, a series of conversations between professionals, current students and faculty during spring term 2013. We are grateful for Janet Walker's facilitation and continue to build on the synergies arising from this successful event. Additionally, Professor Tate continues to coordinate the annual CSLA Awards in the Faculty.

Professor Tate is on sabbatical this year, writing the second edition of *Great City Parks*, and visiting parks across North America and Western Europe. The culmination of many years of travel through the cultural landscape, Professor Ted McLachlan's exhibition "Transcontinental Transect: exploring everyday landscapes in the heart of the continent" opened in January 2014 in the ARCH 2 Gallery. Dr. Marcella Eaton, Associate Dean (Academic) and Environment Design Program Chair completed a review of the Undergraduate Program of the Faculty of Architecture. This is the first time the program has undergone such an extensive review. Dr. Richard Perron presented two papers at the ICON_LA conference "Ecological Infrastructure" jointly held in St. Petersburg, Russia and Uppsala, Sweden. The second paper, co-authored with sessional instructor Rob Zonneveld, "Ecological Infrastructure: An Examination of Three Canadian Cities" was accepted for publication in the *Nordic Journal of Architectural Research* (NJAR). Dr. Perron also presented two papers at the Council of Educators in Landscape Architecture (CELA) conference in Austin, Texas and the paper "A Humanistic Approach to Ecological Design" at the 2013 Atmosphere Conference. Dr. Karen Wilson Baptist presented papers in Oxford and Milton

Keynes (UK) in the autumn of 2013. Her paper, "Shades of Grey: The Role of the Sublime in the Memorial to the Murdered Jews of Europe" was published in *Landscape Review* and "Reenchanting Memorial Landscape: Lessons from the Roadside", was published in *Landscape Journal*. In addition to serving as Chair of Winnipeg's Urban Design Advisory Committee and serving on the Council for Canadian Urbanism, Assistant Professor Jean Trotter is a regular contributor to *Landscapes / Paysages Magazine* and Guest Editor (with Cynthia Girling, MLA, 1977) of the Urban Design Issue. Assistant Professors Dietmar Straub and Anna Thurmayr received the prestigious Deutscher Landschaftsarchitektur Preis 2013 in Berlin from the Bund Deutscher Landschaftsarchitekten. This award competition is launched every second year and is one of the most recognized awards in the German speaking area. Straub Thurmayr Landschaftsarchitekten's Folly Forest is garnering much praise and has been featured in journals such as *Topos* and *Landscape Architecture Magazine*. Working with Roberto Lindig-Cisneros of the Center for the Study of Ecosystems (CIECO) of the Autonomous University of Mexico (UNAM) Assistant Professor Brenda Brown has continued work on TzinTzunTzan, el lugar de los colibrís, a landscape ecosystem habitat restoration at a national archaeological site in Mexico. Two articles on her work appeared in *Landscapes / Paysages* in 2013. Congratulations to sessional instructor Liz Wreford Taylor (MLA 2007) and team who designed the winning entry for the Warming Huts v.2013. Their project Hygge House also won the Best Temporary Architecture Award and the People's Choice Award in the 2013

AZ Awards sponsored by Azure Magazine.

Closing on a celebratory note, a wonderful centenary event was held in honour of the Faculty of Architecture at the Manitoba Aviation Museum in September 2013. It was such a pleasure to see so many colleagues, friends, patrons and students of the Faculty in attendance. Events such as these remind us of the continued importance of the community who contribute so much to the success of the students, faculty and alumni of the Department of Landscape Architecture. ■

Karen Wilson-Baptist, Ph.D |

Acting Head of the Department of Landscape Architecture, Associate Professor. *Pictured Below*

Department of Landscape Architecture

Brenda Brown	Assistant Professor
Marcella Eaton, Ph.D	Associate Dean (Academic) Chair, Environmental Design Program Associate Professor
Ted McLachlan	Professor
P. Richard Perron, Ph.D	Professor
Alex Rattray	Professor Emeritus
Dietmar Straub	Associate Professor
Alan Tate, Ph.D	Professor
Charlie Thomsen	Professor Emeritus
Anna Thurmayr	Assistant Professor
Jean Trotter	Assistant Professor



Landscape architecture is a discipline concerned with understanding, expressing, and enhancing relationships between people and the land. Designers are often faced with the challenging task of recording these relationships and conveying them through methods that have the ability to inform design decisions. The result is frequently a cartographic output plotting landscape and human entities on a map.

Maps are capable of representing a range of information including geographic and cognitive constructs, making them invaluable design tools for comprehending diverse layers of spatial information. However, as existing cartographic literature cautions, maps are embedded with biases that can lead to misunderstandings of mapped information. ‘Cartography of the Factual, Actual, and/or Imaginary’ explored the relationships between cartography, bias and perception through methods of self-interpretation and interview in the Shell River Valley, Manitoba.

Self-interpretation to understand personal perceptions of the Shell River Valley was assisted through the use of comparative photography and section photography. Both methods used photographic compilations and overlays to reveal landscape change and views that would otherwise be imperceptible. Seeing the land from a new point of view provided a platform to compare previous perceptions and aided an understanding

of which biases may be influencing these thoughts. This process of becoming self aware and open to new perceptions of the land was an important step prior to interviewing other people about their relationships with the valley.

Interviews and mapping exercises conducted with farmers, residents, visitors, and researchers of the Shell River Valley demonstrated that different types of biases and perceptions are revealed with different types of mapping. Asking participants to pin-point locations led to conversations about defined elements such as acreage, landforms, infrastructure and waterways, while asking participants to hand write notes about locations began discussions regarding sensory elements such as emotions, sounds, sights and smells. A subtle shift in wording asking participants to ‘draw a map of the land’ compared to ‘draw how you imagine the land’ produced notable differences in output; the word ‘map’ produced plan views and attempts at accuracy, and the word ‘imagine’ produced perspectives involving an element of fantasy. Employing a variety of cartographic methods during interviews proved beneficial in revealing a diversity of both quantitative and qualitative information, further enhancing an understanding of the relationships between the people and the Shell River Valley. ■









Fabrication Lab

By Jason Hare and Kim Wiese | Over the past ten years, as fabrication laboratories in universities throughout North America and abroad have grown and refined their role in support of design research and technology, the Faculty of Architecture at the University of Manitoba has maintained a strong workshop that is geared towards more traditional ways of working with wood and processes of manual production. Prior to the availability of appropriate space, the emphasis on these traditional methods of production ultimately limited individuals on what type of tools and approaches they were able to use to produce their projects.

With ongoing purchases of equipment through the Technology Investment Program Fee, the students of the Faculty of Architecture have taken an active role in their education and have invested in the future of *Making*. In the basement of the John A Russell building, the Fabrication aided design Lab is an interdisciplinary design research laboratory, which supports student education and community relations in the realm of digital craft. This year, the Faculty of Architecture sponsored an education series designed to introduce

the tools and software available at the FABLab to all students and faculty to better understand the capabilities and procedures that are available. This workshop series focused on a offering instruction in various programs: Rhino / Grasshopper and Autodesk 123 Make, as well as, a series of MAKE workshops, where participants were able to use the programs to develop a cube mesh, a bowl and a chair. The hope was that these workshops would inspire students to explore a greater range of possibilities in their design and modeling work, and would inform and inspire the faculty so that these newly acquired tools might elevate the existing pedagogical directions when appropriate.

The FABLab also hosted a series of lunchtime lectures which provided an overview and introduced participants to techniques, methods, operations and programs. The series focused on digital forms of fabrication and their ability to be used as tools for visualization, physical prototyping and formal exploration of design intents.

The first in the series was a digital processes primer on lasercutting and CNC

Milling. The second was titled “What is 3D printing?” and the third discussed Parametric Design, exploring how parametric design works and the basic principles of the software that controls this design approach.

Design research focused on fabrication and the link between digital forms of craft is establishing an identity through the disciplines of architecture. Weaving through multiple stages of the design process, digital craft is becoming a critical component to Architecture/Construction/Engineering (ACE), modelling, material studies, ecological mapping and systems articulation, through to visual theory.

The intention is that the digital lab at the University of Manitoba becomes a resource and laboratory for the exploration of digitally driven design, prototyping and manufacturing. The desire is to foster a context through which students and faculty are better equipped to explore the potentials of digital design and manufacturing processes. ■



Janice Barry

The Faculty of Architecture welcomes Janice Barry,
a new Assistant Professor in the Department of City Planning.

Education | PhD (Community and Regional Planning), University of British Columbia, 2011 MA (Canadian Studies & Indigenous Studies), Trent University, 2004 BSc (Environmental Science & Biology), Trent University, 2000

Janice began her career as a protected area planner with the Ontario Ministry of Natural Resources. It was through this experience that she first developed an appreciation of Indigenous peoples' complex and often conflictive relationships with government-directed land use planning. Although her early research and professional experiences were in rural and natural resource management contexts, Janice also works on how Indigenous rights and title are addressed in the urban environment. Janice has a strong interest in the theory and everyday experience of collaborative planning. Her most recent work looks at the appropriateness of using collaborative planning theory to examine the 'government-to-government' planning relations that are beginning to emerge between Indigenous peoples and the State.

Janice joined the department in August 2013, after three years of research and

teaching in the United Kingdom. She held a two-year postdoctoral fellowship at the University of Glasgow, where she worked with Dr Libby Porter on the Economic and Social Research Council funded project 'Planning with Indigenous Customary Law'.² This project examined the recognition (and/or misrecognition) of Indigenous rights and title in land use planning in British Columbia and Victoria, Australia. Upon completing this fellowship, Janice then worked as a Lecturer of Town and Regional Planning at the University of Sheffield.

Current Teaching | City 7020 Planning Research Methods
City 7440 Planning Design IV: Indigenous Planning Studio
ARCG 7080: Special Topic: Indigenous Development & Planning Seminar

Recent Research Activities | Porter, L & J Barry. Planning for Coexistence? The possibilities of recognising Indigenous rights through land-use planning in Canada and Australia. Surrey, UK: Ashgate.

Barry, J. Government-to-Government Planning and the Recognition of Indigenous

Rights and Title in the Central Coast Land and Resource Management Plan. In: R Thomas (Ed), Planning Canada: A Case Study Approach. Oxford University Press Canada.

Barry, J. From British City Centre to British Columbia's Central Coast: The Transferability of the Institutional Capacity Development Framework. In: J Hillier & J Metzger (Eds), Connections: a Festschrift for Patsy Healey. Surrey, UK: Ashgate.

Peer Reviewed Articles:

Saarikoski, H, K Raitio & J Barry (2013). Understanding 'Successful' Conflict Resolution: Policy Regime Changes and New Interactive Arena in the Great Bear Rainforest. Land Use Policy 32: 271-280.

Barry, J (2012). Indigenous-State Planning as Inter-Institutional Capacity Development: The Evolution of 'Government-to-Government' Relations in Coastal British Columbia, Canada. Planning Theory and Practice 13(2): 213-231
Barry, J & L Porter (2012). Indigenous Recognition in State-Based Planning Systems: Understanding Textual Mediation in the Contact Zone. Planning Theory 11(2): 170-187 ■

Partners Program

By Jacqueline Jasinski | The Partners Program is entering its 22nd year of commitment to the community, with a long standing legacy of success that began with Faye Hellner and Jerry Price in 1993. Over many years, Partners became well known for its efforts in advocacy, guidance, service and outreach within the Faculty of Architecture.

That legacy continues today, but has slowly evolved into something new. Change.

Not long ago, the time horizon on deep cultural changes occurring within the design community appeared quite long. But today, modes of design process and delivery are rapidly evolving. Design culture is increasingly influenced by technology: lightning-fast communication, ease of visualization, availability and variety of composite materials, access to parametric software, shared database intelligence ...and so on.

Today we learn, practice and build in ways that are far different from even five years ago. Design delivery itself is moving briskly toward true interdisciplinary effort. In the professions, momentum toward blending design professions is strong. Pressure on academia is also growing, to prepare graduates for success in this evolving Practice environment.

In an effort to navigate these shifting sands, Partners Program has strengthened its focus on serving the interdependent concerns of academia, industry and practice.

With a view toward combining efforts toward shared goals, the Dean's office and the Partners Program have grown strong ties with a number of entities outside of the Faculty of Architecture, such as Friends of Engineering, Manitoba Hydro, and the Faculty of Engineering. Opportunities grew

from these ties, which made evident the clear need for Partners Program Advisory Board to revisit its strategic vision, its structure and its goals.

Through dialogue, debate, and a formal facilitation process, the Program forged a vision and structure that will assure Partners' efforts remain relevant. This vision is built around the core values of service that the original founders established, but seeks to extend our reach beyond borders: campus, city, province & country....

The first initiative to have grown from this vision, is the establishment of the new position of Partner-in-Residence (PIR)* at the Faculty of Architecture, University of Manitoba. We are honoured to welcome Mark Pauls as our first PIR. We are likewise honoured and very pleased, to welcome Michael Robertson to the Board, who took on the role of the new and sixth Chair, at the Partners Annual Meeting on September 9, 2014.

In closing, as I come to the end of my own term as Chair, I am gratified to have been part of a tremendously rewarding process. These really are exciting times.

Many thanks to Dean Ralph Stern for his unflagging support, and to the Faculties of Architecture & Engineering for the faith and goodwill you continue to extend to Partners, most especially during times of change.

Most profoundly, I extend my heartfelt gratitude to my colleagues on the Board. What a special crew. Thank you, my friends for your extraordinary effort, your commitment, and your humour.

Onward! ■

**The PIR shall exist as a vehicle for dynamic, relevant, interdisciplinary and accessible investigation of the critical design issues facing our built environments, Northern communities and design culture. The role of the Partner-In-Residence has been designed to support and facilitate action and ideas, investigating livability and community development challenges facing our region in the coming decades.*



Partner-in-Residence

Mark Pauls P.Eng., M.Sc.



By Mark Pauls | As an engineer-in-training at Manitoba Hydro, I was assigned to the new downtown office project in 2008 to assist with commissioning of the mechanical and electrical systems. While I had at least a passing interest in sustainable building design, I did not anticipate that this assignment would change the trajectory of my career. The truly integrated design team responsible for Manitoba Hydro Place welcomed me immediately, and a six-month term for commissioning extended into a two-year position responsible for the measurement and verification of the performance of Canada's first LEED Platinum office tower.

Transsolar, a climate engineering firm based in Germany, was a key member of the Manitoba Hydro Place design team. They were responsible for developing an energy concept with the lead architect, KPMB, and used proprietary energy modeling software to verify the strategies. I worked closely with Transsolar on the measurement and verification strategy, and, once this was completed, moved to Stuttgart to work in the Transsolar office as a project engineer.

Transsolar is the antithesis of the increasingly prevalent multinational engineering corporation. The company is intensely personal – colleagues are friends – and employees unequivocally buy into the Transsolar philosophy of “high comfort, low impact”. This extends beyond the workplace – I recall a sandwich run to the local canteen with my colleague who noticed the open fridges holding the cold drinks for display. Within a few weeks, that fridge was metered, a pro-bono report was issued to the canteen owner, the fridge was replaced, and an article was published in a German trade magazine on the energy savings opportunities available by putting glass doors on display fridges. Transsolar is a company where, at their 20th anniversary party in 2012, they did not celebrate their award-winning projects around the globe but rather chose to ask how they could “maximize impact”, especially in the majority (“developing”) world where less than 2% of buildings are designed by architects or engineers. It was an incredibly inspiring and satisfying place to work.

Climate Engineering, as practiced at Transsolar, is a foreign concept in North America. With increasing specialization,



architect and building service engineers have moved further away into distinct silos, where many architects can't calculate a heat balance, and engineers largely see a window as a problem for the HVAC system. Climate Engineers, in my experience, function something like interpreters – they are able to describe engineering challenges in the language of the architect. The overall intention is for the architectural and engineering functions of a building to merge together. Instead of an atrium space becoming a liability for heating and cooling, it can become an asset to the building and support passive heating and air movement, for example.

Presently, I have returned to the Corporate Facilities department of Manitoba Hydro, and am working on engineering services for over two million square feet of conditioned space. Our goal is to leverage the successes of Manitoba Hydro Place into a building scale that is more relevant to the local market. While we have toured more than 15,000 people through Manitoba Hydro Place, many people struggle to see how these “big” ideas can relate to their house, or small commercial project.

As a partner-in-residence, I look forward

to fostering greater integration between the worlds of engineering and architecture for students. I see this opportunity as mutually beneficial. I hope to impart some of my experience to students and leverage my connections to industry in Manitoba, as well as the leading climate engineers in Germany. For me, I see the enthusiasm and creativity of architecture students being critical to moving past stagnant expectations of corporate facilities and to realize the next generation of buildings in Manitoba that truly use less while doing more. ■



A



B



C



D



E



A: Phyllis Lambert, "Seagram: Union of Building and Landscape"

B: Terry Evans and Elizabeth Farnsworth, "Dakota Is Everywhere"

C: Armando Carbonell, "The Landscape of the Colorado Delta"

D: Peter Bo Rappmund, "800 Miles: Photographing the Trans-Alaska Pipeline"

E: Daniel Brook, "Head of the Dragon: The Rise of New Shanghai"

F: Ellen Dunham-Jones, "The Irrational Exuberance of Rem Koolhaas"

G: Tom Vanderbilt, "The City and the Sea"

H: Mitchell Schwarzer, "The Emergence of Container Urbanism"



G



H

Places Journal

The Faculty of Architecture has joined leading schools in supporting *Places*, an interdisciplinary journal of contemporary architecture, landscape, and urbanism that is reinvigorating scholarship on design for the public realm. Founded in 1983, as a print journal, *Places* moved online in 2009 and launched a new website just last month at www.placesjournal.org. A network of academic partners provides funding and editorial advice.

Places publishes peer-reviewed scholarship as well as topical commentary, observations, reviews, and visual portfolios, with new articles every week. The entire print archive is also accessible as an online resource for teachers, scholars, and professionals.

In moving from the traditional niche of the university quarterly to the dynamic environs of the internet, *Places* has created an editorial space that bridges the gap between internalized academic discourse and mainstream media, a space that combines the immediacy and scope of serious journalism with the precision and depth of scholarship. Under the editorial direction of Nancy Levinson, *Places* is working to create nothing less than a new genre of contemporary design journalism— an editorial zone for public scholarship at once topical and speculative, rigorous and accessible.

The larger goal is to advance public awareness of the value of design thinking and practice and in turn to promote sustainable cities and healthy landscapes— environments capable of responding to the profound ecological and social challenges of our time. Cities that are growing and cities that are shrinking, climate change and global warming, environmental health and equity, resource scarcity, technological change— all demand that we rethink how we plan, design, construct, and maintain the built environment. These challenges also demand that serious design journalism and scholarship move from the margins to the centre of the larger cultural discussion.

With the support of its academic partners, *Places* seeks to inform and engage these challenges. Special funding from the Faculty of Architecture has enabled *Places* to commission an in-depth investigation of water privatization in Canada, which will appear this fall. The faculty is proud to support the presence of a vital discursive culture in design. ■

Web | Placesjournal.com

Twitter | [@PlacesJournal](https://twitter.com/PlacesJournal)



Vancouver
Centennial Celebration
May 31, 2013





For more photos please visit:
umanitoba.ca/faculties/architecture/events/centennialcelebrationvancouverphotogallery.html





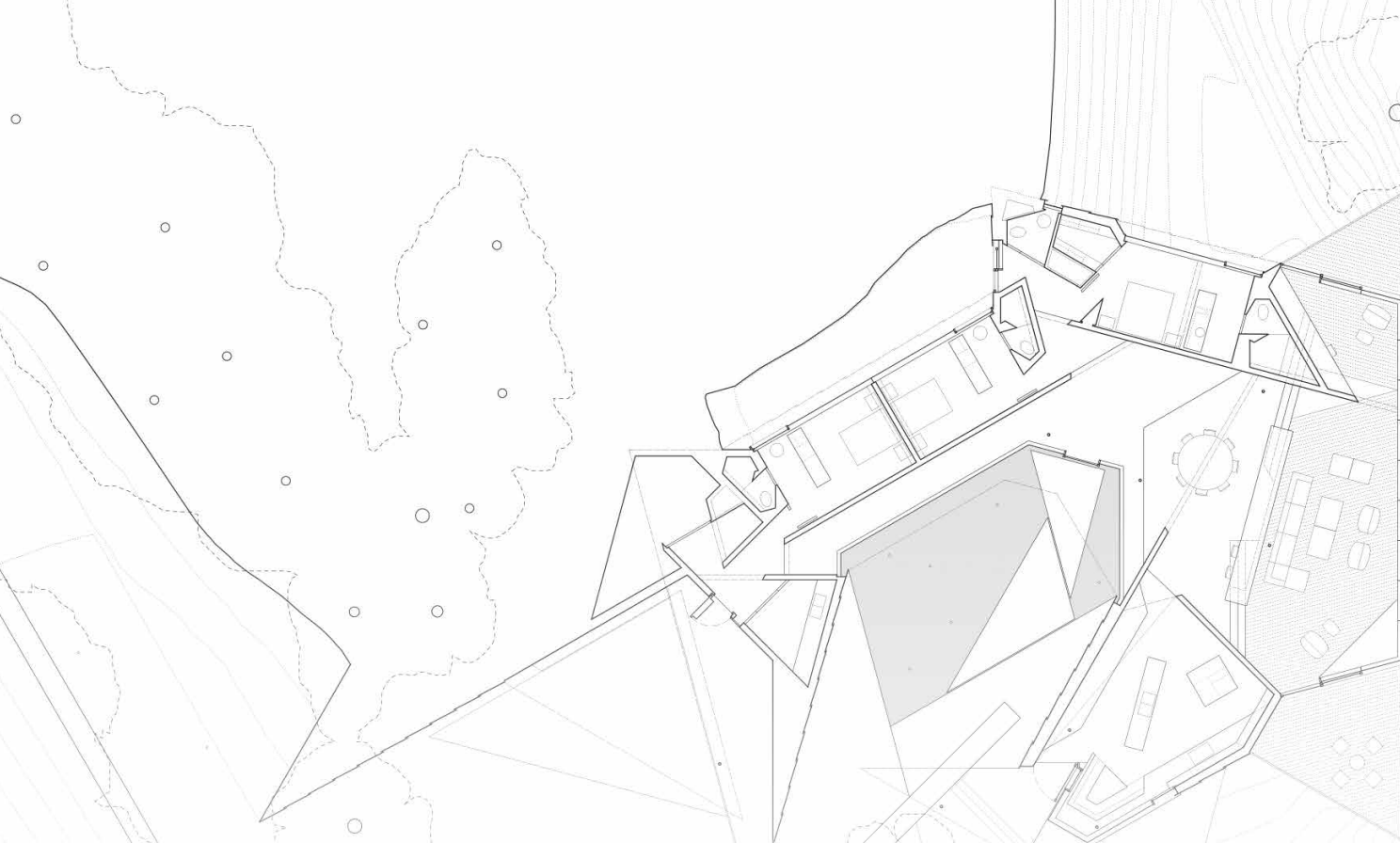
Winnipeg
Centennial Celebration
September 27, 2013





For more photos please visit:
umanitoba.ca/faculties/architecture/events/centennialcelebrationwinnipegphotogallery.html





PATKAU Architects

Tula House

2014 RAIC Governor General's Medal
in Architecture

Patkau Architects Inc. (Quadra Island, BC)

Lead Design Architects:

John Patkau, FRAIC

Patricia Patkau, FRAIC

Perched 44 feet above the Pacific Ocean on a remote island, the Tula House reflects the casual irregularity of the site's rock ledges, beach, and forest in both its geometric and spatial order.

The topography of the site is highly irregular, the prospects diverse. Views to the east stretch over the open water and islands of the Strait of Georgia to the mountain ranges on the mainland of British Columbia. Views to the south overlook a small tidal basin. Moss covered basalt hills are interspersed among treed expanses and richly vegetated crevices, valleys and swales. Stands of red alder and big-

leafed maple enliven the predominantly dark Douglas fir forest. The shoreline below the house is littered with the flotsam and jetsam of the ocean where logs and rocks have been tossed around by the tides and storms like a child's game of "pickup sticks." One site is actually many sites.

The house cultivates a sense of dwelling with, and within, such diversity. Low rock walls edge a gravel approach to the house. A loose arrangement of concrete walls, clad in staggered fibre-cement panels, begins to describe space. These panels are charcole in color. From a distance, the house visually recedes into the dark forest. The roof, planted in moss and native ground covers, appears from above to be continuous with the surrounding ground plane.

Groundwater flows continuously through the site where it is captured momentarily within an entry courtyard. The ground plane of the courtyard and interior floor of the house are large shard-like concrete plates. Within

the house, spaces are defined by a series of slowly unfolding concrete walls that channel the flow of space through to ocean views. This primary flow is diverted in passage by eddies of secondary space which branch off, separating and focusing moments of diversity in the site: the small tidal basin off the kitchen nook, a ledge of moss covered rock in the bedrooms, a view back from the court to a swath of maple trees.

A steel-framed roof mirrors the order of concrete walls and floor plates. Narrow skylights project lines of light at oblique angles through space. At the cliff-edge, the solidity of concrete floors is left behind. A steel-framed, wooden deck is cantilevered into the air. While an uninterrupted expanse of glass takes in distant, sublime views of the Strait; glazed apertures in the floor of the living room deck open vertiginously to the textures and sensual immediacy of beach and ocean below. Millwork elements float freely within the spaces like the flotsam and jetsam on the beach. ■



Client: Eric Peterson and Christina Munck
 Program: Single family house
 Status: Completed 2012
 Scale: 4500 ft² / 420 m² floor area, 5,800 ft² / 540 m² roof area, 280,448 ft² / 26,064 m² site area
 Awards: Canadian Architect Award of Excellence (2007)

Credits

Architects: Patkau Architects
 John Patkau, Patricia Patkau, and David Shone with Mike Green, Dimitri Koubatis, and Greg Boothroyd, James Eidse, Marc Holland, Tony Mah, Henry Murdock, Ben Raimes, Thomas Schroeder, Craig Simms and Tony Wai.

Photos: James Dow and Patkau architects

Consultants

Structural Engineers: Peterson Galloway
 Mechanical Engineering: Hirschfield Williams Timmins
 Contractor: J Toelle Construction LTD. Guy Holmes, Site Superintendent



Photo by - 5468796 Architecture Inc.

5468796 Architecture Inc.

OMS Stage (The Cube)

2014 RAIC Governor General's Medal
in Architecture

5468796 Architecture Inc. (Winnipeg, MB)
Lead Design Architects:
Johanna Hurme, MRAIC
Sasa Radulovic, MRAIC

OMS Stage ("The Cube") is an open-air performance venue in Old Market Square, a green space and summer festival hub in Winnipeg's historic Exchange District. A concrete structure enclosed by a flexible metal skin, the stage is a year-round public amenity. The membrane is composed of 20,000 identical hollow aluminum pieces strung together on aircraft cables. The orientation of the pieces alternates, forming a malleable and shimmering curtain that can stand like a wall, pull in to reveal the performance space, or function as a light-refracting surface. It is a projection screen, concert venue, shelter and sculptural object.



Photo by - 5468796 Architecture Inc.



Photo by - James Brittain Photography

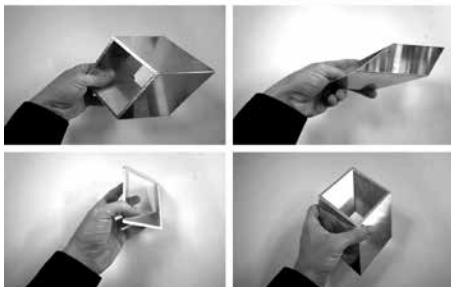
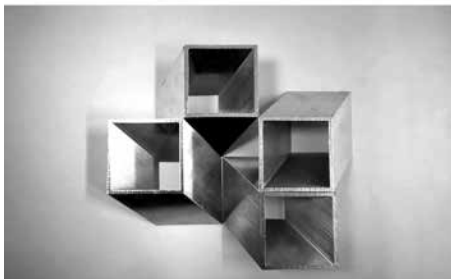
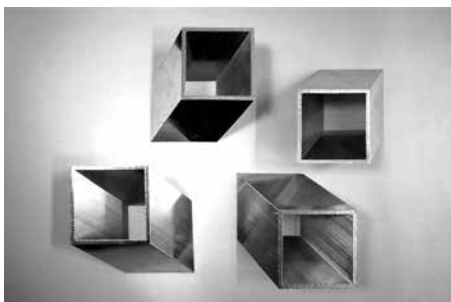
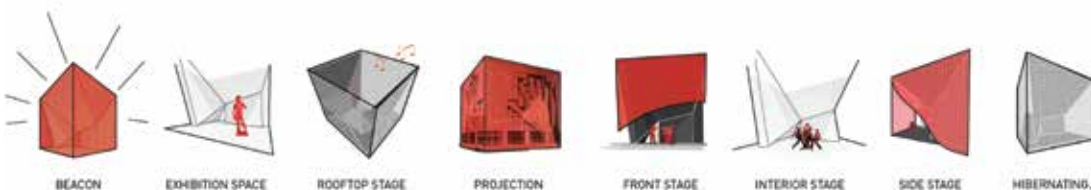


Photo by - 5468796 Architecture Inc.



Photo by - James Brittain Photography



Life with an Environmental Design Degree



In 2009, Thom Fougere and Nils Vik graduated from the Environmental Design program and together their collaborative design work earned the Rado Design Award for Best New Prototype at IDS11 with their “Bench Rack” design.

Describe your career path since graduation.

TF: Leading up to my graduation I knew I didn't want to work in an architecture firm although, I was, and still am, very interested in architecture. So upon graduation, I took a position as a production designer for a branding firm based out of Winnipeg and New York. I had been doing some graphic freelance work in and out of school for a few years and I felt confident that I could fake my way through working as a graphic designer with the little experience I had. After about a year, I found that I wasn't progressing towards a field of work that interested me.

I feel that knowing what not to do, is just as important as knowing what you want to do.

While I was working at the branding firm, I was collaborating and independently working on a few pieces of furniture, where my true interests lie. I'm still designing, manufacturing and selling new pieces of furniture under my name but I am also currently employed as Creative Director at EQ3. (At EQ3) I'm able to work on an assortment of projects in a variety of disciplines. Since starting my role as Creative Director, I've designed the architecture for the Canadian flagship store in Toronto, and the American flagship store in San Francisco. I've also art directed photo shoots and the graphic design of the annual EQ3 catalogues. Additionally, I've had the opportunity to oversee the direction of EQ3 product lines, and have designed a few new pieces along the way.

NV: Upon graduation I worked for EQ3 in Product Development. Aside from design, I was also involved with translating other designer's concepts into its finished project by working with sample builds and factory production in Canada and Asia.

Thom Fougere is a Canadian designer focused on exploring the relationship between objects, products, spaces and dwelling. Thom Fougere's studio was founded with a focus on furniture design, but continues to have a strong connection with product design, and architecture. Fougere's work is heavily influenced by Winnipeg, Manitoba. In addition to his studio, Fougere is also employed by EQ3 as Creative Director.

Nils Vik (b. 1983) has been taking photographs since his prepubescent days living in Pinawa, Manitoba. Vik left his job in product development and design at EQ3 in 2011 in order to make coffee. Parlour Coffee (2011) and Little Sister Coffee Maker (2013) continue to receive local and national acclaim. Vik recently finished designing and building his home in St Boniface.

In 2011 I opened Winnipeg's first "third wave" specialty coffee bar - Parlour Coffee in Winnipeg's Exchange District. In the fall of 2013 I opened a second cafe with my business partner Vanessa Stachiw - Little Sister Coffee Maker in Osborne Village.

What opportunities have been presented to you because of your Environmental Design degree?

TF: My ED degree prepared me for a lot more than just architecture. Because of the multidisciplinary nature of the ED program, there is a lot of flexibility for students to dive deeper into their individual interests. I was able to focus during my three years in the program (I realize it's four now), I interned at an architecture firm, became interested in furniture design and graphic design in my final year and shifted my year long project more into those areas of interest.

As a result of a class project I had the opportunity to showcase designs that I had collaborated on at various shows across Canada. We gained a certain amount of international notoriety and allowed me to see, as a second year student, what was possible.

NV: I have been provided many multidisciplinary opportunities through my degree including interior design consultation, custom furniture design contracts, sitting on a public art jury committee, and the confidence to design and project manage the construction of my cafe's and home on an infill lot in St Boniface.

What was the most valuable learning that you took away from the Environmental Design program?

TF: How to see any project, whether it's large in scale, or small, through to its completion. However insignificant and vague that might be, it's the most important skill I think I've taken away from the ED program. I face similar challenges everyday in my work - having seemingly unsolvable problems to work through, working within disciplines that I'm unfamiliar with and must learn-on-the-go, knowing where to look for resources. These are valuable skills to have when confronted with problems. "Designing" is problem solving.

NV: I think the most valuable aspect of ED is the expectation that you can find a way to

achieve whatever design challenge is set before you regardless of your skillset and training (or lack thereof) prior to the brief.

Do you have any advice to someone starting the program?

TF: Dive deep into the subject matter you are naturally interested in pursuing. There is never a linear route for you to follow.

NV: I believe the most valuable way to get the most out of your education is to immerse yourself in your projects, but also make sure to be open to inspiration through taking time to enjoy cultural events - art exhibitions, concerts, etc. I would also strongly argue against the need for "all-night" work marathons. Rest and eat well.

Any advice to someone just graduating from the program?

TF: Same as I said before - Dive deep into what you are naturally interested in.

NV: One must continue with the same rigour of academic life after graduation. Whether you have a job or not, you should continue to work, research, and debate all things design. ■



Photo by Thom Fourgere



Italian Learning

By Ralph Stern | In the late spring of 2014, Alex Rattray, the founding Head of the Department of Landscape Architecture, invited me as Dean of the Faculty of Architecture to participate in the opening of the permanent installation of studio work done at the Faculty of Architecture's "Italy Studio". Meeting with Alex and his lovely wife Angela turned into a uniquely magical moment in the Brenta Valley. Surrounded by mountains, we made our way along the winding road to the original studio location, which was the site of the formal opening ceremony. Here it became clear to me just how important the Faculty of Architecture's Italy Studio had been, not only for the students and instructors who had participated, but for the various communities in this compelling location. I am personally most thankful for having had this opportunity to see first hand the profound connection and lasting connections established there. Alex and Angela proved to be the most gracious of

hosts as we negotiated the many events of the day. Similarly, the Mayors Benito Sasso and Carlo Perli were clearly committed to the work and the exchange of ideas they represent. The Italy Studio clearly marks a significant period in the history of the Faculty; one that was only complemented by the spontaneous round of applause from the public gathered when I spoke about the Faculty of Architecture celebrating its Centenary. ■

Cartiera Parolini Oliero, Comune di Valstagna

Cartiera Parolini, built in 1732, is the only remaining structure of an industrial complex dating back several centuries. In the 1400's leading families of the Venetian Republic established major industries in the Brenta Valley, including those associated with paper, silk and timber production. During this time a complex of buildings was established on the Oliero River, adjacent to the Grotto di Oliero, one of Europe's most important

natural water landscapes. This complex operated well into the 19th century when much of it was destroyed by fire. Now only the Cartiera Parolini remains, lone testament to an earlier period of unparalleled industrial activity in the region.

Set within the spectacular Parc di Oliero, a unique ecosystem supported by the Oliero waters and a dramatic topographic landscape, the restored Cartiera Parolini is administered by the Comune di Valstagna. The Comune's Mayor and Council generously made it available for the University of Manitoba's Italian Studies Program studio for six years between 1993 and 2001.

The studio is located within one of Italy's and Europe's most unique cultural landscapes associated with the "masiere," the dry stone wall terraces built over centuries to support agriculture and tobacco production. It is well positioned within the Brenta Valley, in close proximity to the historically important 9th century Church



Left to right: Benito Sasso, Former Mayor of Valstagna(1985-2004); Ralph Stern; Angelo Moro. Former Mayor of Valstagna(2009-2014); Carlo Perli, Current Mayor of Valstagna; Angela Luvera & Alexander Rattray (Head, Department of Landscape Architecture, 1969 - 1994)

of San Martino, the 12th century Cluny Monastery of Santa Croce and works by Palladia and his School. Similarly, the walled towns of Bassano del Grappa, Cittadella and Marostica are readily accessible. The major cities of Padua, Verona, Vicenza and Venice, which provide further and important opportunities for the study of art, architecture and landscape architecture are all within an hour's drive of the studio.

Valstagna's Museo della Cartiere and Museo di Speleologia are located on the lower level of the Cartiera Parloini. Now, with the support of the Mayor and Council of Valstagna, more than 35 University of Manitoba Italian Studies Program student panels and related materials will be permanently displayed on the upper level of that building. ■

Studio della Valle della Brenta 1993-2000
By Angela Luvera, Carl Nelson and Alex Rattray | The act of design is viewed as a fundamentally cultural activity in the Faculty of Architecture at the University of Manitoba. Thus the Studio della Valle della Brenta is seen as an important opportunity to engage students in design activities in a foreign cultural milieu. For more than 2000 years the unique geographic setting and cultural history of the Brenta Valley people have been a part of the Veneto story. The Valley's regional pride is reflected in its life,

lore and landscape, making this unique place a fertile ground for creativity and learning.

Situated in a rehabilitated historic mill building, the studio at Cartiera Parolini di Oliero brings students to projects that are thought to be of particular interest to the Valley communities. These projects vary in scale from single spaces, to building transformations, to urban design studies, to historic landscape restoration and remediation, to regional landscape planning and, finally, to speculative visions of alternative futures of what might be.

The students have benefited academically and have been enriched personally, not only from the intense studio work and on-site investigations, but also from consultation with and comments from individuals, groups and governmental bodies of the Brenta Valley, Bassano del Grappa, the Veneto, the Istituto Universitario di Architettura di Venezia and the Consorzio Progetto Ambiente. For Manitoba's teaching staff it is a privilege and pleasure to share the insights of our students and the people of the Valley, who are all engaged in the act of design in the natural and cultural landscapes of the Valle della Brenta. It remains only to express appreciation, on behalf of all associated with our Italian Studies Program, to those who have so generously supported the Studio della Valle della Brenta, including the city of Bassano del Grappa. ■

By Dominico Patassini, 30 July 2014 | The involvement of the University of Manitoba in the (study of) Canale di Brenta had three significant impacts. The first was a type of scientific/cultural effect which became, in many ways, an experiment with the landscape, and beginning with the history, environment, material culture and contemporary use. Theses, studios and workshops (were) initiated by the IUAV gave richness to lectures and other presentations. The second effect was to influence regional and municipal institutions. The third effect was on the local people of the Valley.

The Region of the Veneto coordinated the "Progetto Alpter" (terraced landscapes of the Alpine terrain). This project had many participants from Italian regions close to the Alps, as well as other countries: France, Switzerland, Austria and Slovenia. The Canale di Brenta was chosen as the first sample for the Veneto Region, specifically the Mattiotti-Col 22 ore. This was one of the study areas chosen by the students of the University of Manitoba. The Veneto Region initiated an experimental "virtual" centre (observatorio) for landscape studies in the Canale di Brenta. This centre is a tool for regional planning. The centre gathers all studies and research, including the work of the Canadian students and the contributions from others. The municipalities of the Canale di Brenta, including Bassano del Grappa, has begun to understand the importance of this work, and how it can benefit inter-regional planning.

One important initiative has been the "adoption" of terraces in the region. These interventions, to protect, maintain and restore the terraces and their adjacent (related) buildings, have been carried out by student volunteers. (with the intention of restoring life to the terraces). ■





Reflections on Studio della Valle del Brenta

By Prof. Eduard Epp, Studio Instructor

Italia 97 | To visit the Canale di Brenta is to inhabit the cities described by Marco Polo in his conversations with Kubla Khan in Italo Calvino's 'Invisible Cities'. It can be described geographically as a steep canyon, or 'canale', connecting the mountains to the north and the Veneto Plain to the south – a long valley through which the Brenta River runs its course. The beauty of this setting and the care with which it has been cultivated over millennia is sublime. It is a place that is at once of this world and of many others. It speaks to us of human origins and of the eternal qualities of being. One does not take stock of time in a linear fashion in this place – time unfolds through the layers of its settlement.

In this place our studio group set out to discover the relationships between the measurements of its spaces and the events of its past and to posit new and novel forms of inhabitation. Numerous sites along the Brenta provided fertile ground for us to locate our thoughts and dreams and to make these tangible. Beginning in the sub-conscious realm of possibilities, our projects slowly took form. Each project site

became a setting in which to ponder and to reflect, to literally draw out the traces of human engagement with the land – to create architecture – instilled with meaning and with value.

Collectively, the students' projects captured a profound sense of place and purpose. Among these, I recall: a cemetery for the living; a performance space in a derelict industrial site; a public park in/formed by the tumultuous water course of the river and; a hybrid building composed of classical and contemporary notions of space carved out of stone and expressed with glass and steel.

Our hosts and mentors Al and Angela knew all too well that the task posed a formidable challenge. For this would explain that knowing smile with which they greeted us at the end of each day when we returned from our studio to share dinner and our dreams together. ■

By Alyssa Shwann | It is hard not to look back at the Italy Studio as a seminal experience in my undergraduate studies. It provided a space for phenomenal exploration, education, personal growth,

and friendship. Set within this rich European historical context, we were skillfully guided in our journey by Alex Rattray, Angela Luvera, and Eduard Epp, so that the layers of each of the cities we visited became legible. As we explored each place through sketching, writing, walking, losing our way, and learning from expert guides, we came to comprehend the relationships between civilization, landscape, and history.

The mentorship of our instructors was infused with patience, kindness, and generosity, such that confidence in our surroundings flourished. We quickly forged new friendships and connections within the town of Campolongo, our studio location for several weeks.

Our studio space was in a building idyllically situated between the flowing Brenta River and high hills of pastures and grottoes. We drew inspiration from the surroundings as we worked in this large open space of high ceilings and ample windows.

Through the work we did, we came to understand the importance of observation and the interplay between historical, social, political context, and community. I have come to appreciate how important it was to



be exposed to this environment in the early days of my design education.

Through our sincere connection to the town and some of its residents, the projects we undertook became close to our hearts. We learned to develop our projects by understanding place, historical context, and contemporary discourse. These important lessons continue to influence how I approach projects today – seeking complex contexts, basing work on careful site analysis, and trying to capture the ‘spirit of place’.

The sensation of smells, sounds, textures, and encounters from our time in Campolongo still remain so vivid in my thoughts, nearly twenty years on, and the lessons remain essential to my practice. ■

By Johanna Hurme | *The tiny stoned paved streets, scooters finding their way to the smallest pathways, the old ladies attending their flowers and people laughing and chatting on the streets . . . we are dropped in a new world, so tempting, so exciting – it’s there to be discovered. What an amazing opportunity. I’m so lucky to be here, smell the air, the strange mystical lure of this place has already captured*

me. Although I should have known better I still find myself surprised at the fact that, really, there are as many ways of doing things as there are people in the world. There is no right or wrong, merely different customs and culture, each right in their own context.

I hope to keep my eyes open and my mind receptive. I hope to learn, discover, reflect and apply. Somehow I have a feeling that this opportunity is not going to come again – at least not in this form, nor at this intensity. Life is an adventure and I am about to start a new chapter... May 01, 1998

More than sixteen years have passed since I wrote this in my sketchbook on the first day of our seven week tour and studio in Italy – Italia ‘98. I had just finished my second year in the Environmental Design program – I was naive – but I knew that I was about to embark on a transformative experience. I packed everything I learned and saw in this sketchbook, including drawings, notes, photos, maps and various ticket stubs from the places we visited. It is also a journal of friendships that were made, food that we enjoyed and impressions that will remain with me for a lifetime. It is vivid with curiosity and awe, questions and stories

both in drawings and text, and coloured with a twenty something’s awakening world view. As such, it is a container of my most powerful and dear memories.

There is nothing more important for an architect than to see the world in the fullest meaning of the word. To learn to see it and to interpret it is a lifelong quest. Seeing does not happen through the computer screen, but rather touching, hearing and sensing in situ is what opens our eyes wide and makes our experiences broad. Whether is getting my first job in architecture in 1999, representing Canada at the Venice Biennale in Architecture in 2012 or now establishing collaborations and acquiring work commissions in other cities as a result, my foreign studio experience continues to weave its way into my professional life. This impact has been both informative to my thinking, but also very direct; and as such nothing short of extraordinary and profound. ■

Venice Biennale

_Arctic Adaptations





Photo by Sergio Pirrone

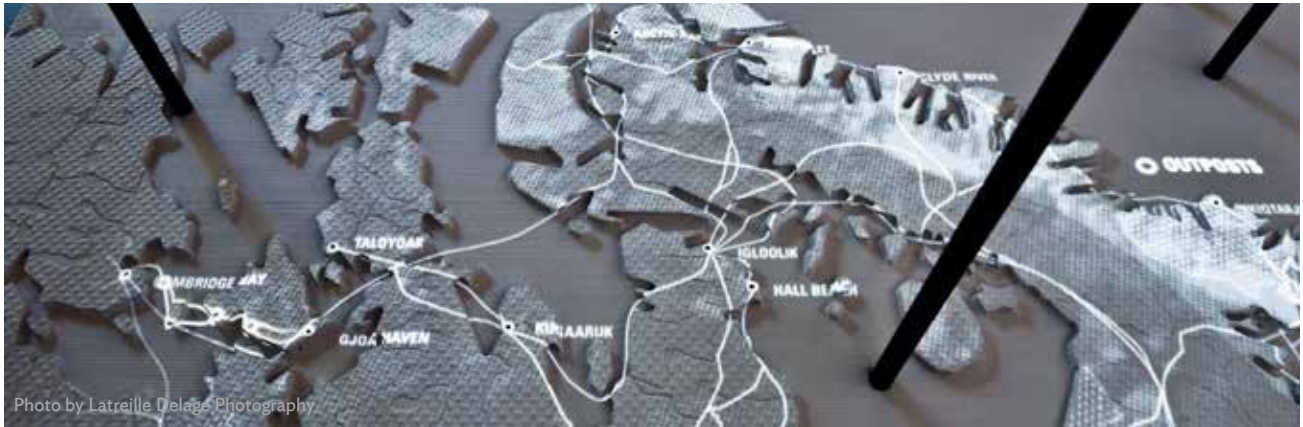


Photo by Latreille Delage Photography

By Lancelot Coar | The 2014 Canadian entry for the Venice Biennale was won by Toronto based architecture firm Lateral Office. Their proposal was to explore how architecture can generate a critical examination of specific thematic issues that present real challenges to the healthy development of northern communities in the 21st century. The Department of Architecture at the University of Manitoba was selected by Lateral Office to partner with the Whitehorse based architects Kobayashi + Zedda to explore the theme of recreation and tourism. Two studios, led by professor Lancelot Coar and Ralph Glor, took on this theme leading students on a year-long investigation of the north, its history, and an examination of its possible future.

This project was framed in order to generate provocative and bold proposals that confront ineffective traditional responses to these challenges and incite the imagination of both southern and northern cultures for breaking through these barriers. To better understand the context of this project these studios travelled to Rankin Inlet in the fall to discover the culture and environments from which these projects emerged. On this trip the studio groups

met with a wide range of individuals and stakeholders who have vested interests in the future success of northern communities including community members, community leaders, governmental agencies, northern businesses, non-profit organizations, regional media offices, and educators. The complexity of the range of realities that are imbedded within these small communities were remarkable and provided fertile ground for a rich diversity of proposals developed by the students in response to what they learned and experienced.

Students were grouped into teams of two who used background research, personal interests, and their experience from their travels to critically examine how the theme of recreation and tourism can speak to the complex challenges and opportunities facing northern communities.

While many of the student projects studied past and current trends in recreation and varying forms of tourism – what became clear was the importance of a range of other underlying issues including, resource dependency, political autonomy and reliance, mythology, trade, hunting, education, employment, identity, and sustainability in modern Inuit communities.

The proposed projects were presented at the end of the fall term to a jury made up of representatives from Lateral Office, Kobayashi + Zedda, Sport Nunavut, and the University of Manitoba. This jury selected one winner to be further developed with Lateral Office and Kobayashi + Zedda to represent the theme of recreation and tourism at the 2014 Venice Biennale. They also selected a runner up and three honourable mentions.

The results of the competition were: Winners: Caroline Inglis and Tyler Jones; Runner Up: Kailey Kroeker and Julia Evancio; Honourable Mention: Dave Anderson and Nicole Vigneux, Lars Lindstrom and Emily Davies, Evan Schellenberg and Nathan Johns.

Following the competition, students worked individually to develop their own proposals based on the themes they began during the competition. These projects were carried out individually till the end of the winter term. The results describe an imaginative and critical range of ways in which architecture might help to play an important role in the future and sustainability of the communities and people of Nunavut for the future. ■



2013-2014 Action Canada Fellows at PSCF, Resolute Bay, NU

Action Canada

Professor Alyssa Schwann was selected last year as one of seventeen Canadians to take part in Action Canada, a national fellowship program for promising young Canadians who have demonstrated leadership skills and a passion for Canada. Action Canada provides a platform to gain a deeper understanding of our regional contexts that, together, have built a strong country. Fellows are exposed to multiple perspectives within these regions, to understand and critically consider both the opportunities and the challenges that Canada faces. Intensive and rigorous working conferences over the year were held in Montreal, Charlottetown, Northern Canada, Vancouver, and Ottawa.

The theme of the fellowship year was *"Applying lessons from Canadian history in the development of public policy for northern Canada"*. Pursuant to this theme, a Northern Conference took Fellows to Yellowknife NWT, Kugluktuk NU, the Polar Continental Shelf Program, Resolute Bay, and through a portion of the Northwest Passage aboard the Coast Guard's *Louis St. Laurent*, a heavy arctic icebreaker. On board *'The Louis'*, fellows were mentored by members of the Coast Guard, Colonel (Retired) Pierre Leblanc, an expert in arctic security and

sovereignty issues, and Natalia Loukacheva (First Visiting Nansen Professor, University of Akureyi, Iceland; Fellow, Canadian Defence and Foreign Affairs Institute; and Research Associate, Munk School of Global Affairs, University of Toronto), a specialist in Polar Law.

Understanding the role of public policy in Canada, and how it is developed, was an essential outcome of Action Canada. Ten months of research resulted in the production of a 'Task Force Policy Report' that was the direct application of skills learned over the fellowship year to develop and influence public policy. Along with five other fellows (Jesika Briones, Sarah Daitch, Andre Dias, Julia Fan Li, Martin Lajoie), Professor Schwann authored the report *"A Question of Future Prosperity: Developing a Heritage Fund in the Northwest Territories"*. The Heritage Fund was established, in anticipation of NWT Devolution, in order for the territory to save a portion of its natural resource revenues for the benefit of future generations.

The report was a response to a perception of gaps in how the fund would be governed, thereby launching an initiative to improve mineral revenue management in the

NWT. The report called for clear deposit rules, a strong investment mandate, and adequate transparency and oversight. The report has since been tabled in the NWT Legislative Assembly in order to press the Minister of Finance to commit a greater percentage of revenues to the fund, which he has now committed to. The report is further being used to generate discussion on introducing legislation to govern and manage investments of the Heritage Fund. Professor Schwann's team continues to advise the Government of the NWT and the legislature on Heritage Fund governance, in collaboration with the Natural Resource Governance Institute. Further, the team is working closely with citizens to ensure that there is strong public engagement and oversight, through establishing a citizen's "Natural Resource Accountability Group".

The research, and ongoing case study, has been presented at the International Congress of Arctic Social Sciences (ICASS) VIII Conference and will be published in the peer-reviewed journal *Arctic Yearbook* 2014. ■



Joan Harland

Reprinted from winnipegarchitecture.ca |

Joan Harland was born in Leeds, England on 10 December 1914, shortly after the start of World War One. Her parents lived at 1120 Grosvenor Avenue in Winnipeg, adjacent to the present site of St. George's Anglican Church – a building project with which Harland would later have close involvement. After attending nearby St. Mary's Academy, Harland took her degree in Architecture at the University of Manitoba, having learned that the Architecture School at McGill University did not admit women. Harland graduated in 1938, earning the Gold Medal for her class. Following her graduation she interviewed for position with an architecture firm in the city, only to be told that her training would make her a good secretary for an architecture practice; she instead found work with the famous Winnipeg office of Brigden's catalogue and art company. Shortly thereafter – in the academic year 1939-40 – the young designer started with the School of Architecture as the first instructor in interior decorating classes at the university. Here she joined with the only two other instructors, Dean Milton Osborne and Professor John A. Russell, and lectured on a variety of subjects, forming the basis of the first specialized program of its kind in Canada.

The Second World War brought great changes to the university and the School of Architecture in particular. The war had opened up more opportunities for women

and enrolment climbed heavily. It was during this same period that Harland felt the need for more qualifications to run her department and so it was that she attended Columbia University for the summers of 1945-47, ultimately obtaining a Masters of Fine Arts degree. Harland continued to build her department into a full Department of Interior Decorating by – in response to pressure from returning veterans – convincing the university to develop the program within the School of Architecture into a four-year Interior Design degree, in 1949. With the enthusiastic support of Dean Jack Russell, Harland became first the chairman of the department and later, department head.

As the first school of interior design in Canada, courses were developed by the faculty in concert with industry needs and reflected changes in building materials, design and technology. Close ties within the larger department gave the program a base in architecture generally. Most of the faculty were graduates of the University of Manitoba. The program attracted students from across the country and was recognized as a leader in the field in both Canada and the United States. Harland also left her mark in building up the Interior Designers Educators Council of Canada (IDEC) as a separate entity from the more conservative American Interior Decorators Council. She also served as president of the Manitoba Institute of Interior Designers.

Covering a broad variety of study topics, Harland lectured and lead as department head until she stepped down in 1967. She, however, continued to lecture until she retired in 1980. This freed up Harland's time to pursue her other passion – the study of women in the Bible. Extensive study on this subject led to more lecturing, the publishing of articles and a book, *Women of the Bible*. Harland's impact on design in Winnipeg has been great. One of the seminal projects on which she participated was the 1958 expansion of St. George's Anglican Church (168 Wilton Street). As a lifelong member of St. George's, Harland headed the committee that selected the firm of Green Blankstein Russell for this operation. This design committee pressed for a modern design to reflect the changes in post-war society and an emerging role for the lay persons; Harland then headed a committee which slowly worked out a magnificent design and furnishings for the interior of St. George's and which made it both a beautiful and relevant reflection of life and faith in the modern world. Amongst Harland's other projects was a complete redesign of the interiors of the Ralph Connor House – home of the University Women's Club of Winnipeg.

December marks 100 years since the birth of Joan Harland. The Faculty of Architecture praises Joan for the love and wisdom that she has so generously given to students, colleagues and friends. ■



ENVIRONMENTAL DESIGN WORKSHOP 01

Climate Design
Parametric Design
Embodied Energy
Urban Performance

ENVIRONMENTAL DESIGN WORKSHOP ENVIRONMENTAL DESIGN WORKSHOP ENVIRONMENTAL DESIGN WORKSHOP ENVIRONMENTAL DESIGN WORKSHOP

ENVIRONMENTAL DESIGN WORKSHOP ENVIRONMENTAL DESIGN WORKSHOP ENVIRONMENTAL DESIGN WORKSHOP ENVIRONMENTAL DESIGN WORKSHOP

Environmental Design Workshop 01

On the 23rd and 24th of September 2014, the Faculty of Architecture hosted its first Environmental Design Workshop. The central idea behind the workshops was to address environmental design with an aim to define this term for the twenty-first century. We invited Thomas Auer from Transsolar and the Technical University Munich, Professor Ulrich Knaack in Design of Construction at the Delft University of Technology and Professor for Design and Construction at the Detmolder Schule für Architektur und Innenarchitektur at the Hochschule OWL / Germany, and Mohamad Araj to provide three academic perspectives on environmental design. Tom Akerstream from Manitoba Hydro was invited to talk on environmental design from the perspective of a major industry (and as an alumni of the Faculty's Environmental Studies undergraduate program). Marc Pauls who is our first Partner-in-Residence, discussed environmental design from his position of Building Energy Management Engineer for Manitoba Hydro and he outlined his goals for his residency in the Faculty.

This first Workshop had a sub-title of climate design, parametric design, embodied energy and urban performance. Dean Ralph Stern emphasized the importance

of environmental design in the Faculty of Architecture giving a brief history of its beginnings in the 1960s as Environmental Studies, and how and when it changed to Environmental Design. We were, and still are a unique program in North America, and climate design has been central to our undergraduate program for half a century. He ended with 'the future is here, here and now.'

The workshop concluded with a round table discussion - the audience was invited to come to the table(s) to engage directly with the speakers. Questions were quite pointed and the discussions were rich. Issues were layered over the focused subjects to concentrate on what constitutes a healthy life in the urban environment. Integrated knowledge about performative systems is central, indeed essential to an environmental design education today. ■

Mark Pauls

Partner-in-Residence

September 23, 2014 | Noon

Thomas Auer

High Comfort - Low Impact

September 23, 2014 | 6PM

Mohamad Araj

Strategic Performance Indicators for Preeminent Environmental Design

September 24, 2014 | Noon

Tom Akerstream

Climatically Responsive Design Rationale and Process

September 24, 2014 | Noon

Ulrich Knaack

Facade Road Map

September 24, 2014 | 6PM

Panel Discussion

September 24, 2014 | 6PM

Panel: Tom Akerstream, Mohamad Araj, Thomas Auer, Jae-Sung Chon, Marcella Eaton, Ulrich Knaack, Mark Pauls, Ralph Stern

Transdisciplinary Science and Technology in Environmental Sustainability

By Dr. Mohamad Araj | As the Faculty of Architecture aspires to advanced partnerships with progressive institutes, professions and community in the creation and dissemination of knowledge, the Environmental Design Program has been embracing and responding with great commitment to such strategic principle. It is with keen honor and delight that I was representing our school as a TÜV Süd Stiftung Visiting Professor at the Technische Universität München (TUM) and a Guest Scientist at the Oskar von Miller Forum (OvMF) in Munich, Germany for 2014. Under the auspices of Prof. Dr. Werner Lang, the chair of the Institute of Energy Efficient and Sustainable Design and Building (IEESDB) hosted these two positions. There is much to be said for being there, amongst exceptional opportunities to further innovative venues, new colleagues, novel ideas, and bespoke prospects. This article will synopsise the activities and achievements in the following:

Public Lectures and Workshops

During this stay in Munich, we were represented in keynote events that not only helped us connect with the public, but also discuss issues sitting at the core of the architectural and environmental design curriculum at academic, research and practice levels. I was invited to hold lectures, offer workshops and participate in teaching design studios in Architecture M.A., Energy-efficient and Sustainable Building M.Sc. and ClimaDesign M.Sc. I offered four public lectures that relate to Practice, Technology and Sustainable Design. These lecture are titled as follows: 1) Environmental Augmentation for High Performance Urban Systems, 2) Preeminent Environmental Design: Conceptualization and Implementation in Architecture, 3) Regenerative Design Leading to Surplus in Energy and Sustainability, and 4) Performative Architectural Typologies Integral to the Energy Equation. One of these invitations is extended by Dr. Armin Pfoh, a nuclear physicist who is an incubator for the development of new group-wide

business models and future products in the fields of electric mobility, embedded systems, megacities, water and information and communications technology (ICT) at the Department of Innovation Management at TÜV Süd AG. The other lectures were held at the OvMF, the International Graduate School of Science and Engineering (IGSSE) of TUM, and the Institute of Advanced Studies (IAS) of TUM. The latter is part of TUM's institutional strategy "TUM. The Entrepreneurial University." in the Excellence Initiative by the German federal and state governments. It allows not only selected guest scientists but also best faculty members to conduct top-level research, whereby fellows on different levels of seniority are given the possibility to devote their full time to innovative research projects in nascent areas of science, which bear the promise of major scientific breakthroughs. Led by Director Prof. Gerhard Abstreiter and for the second round of the Excellence Initiative (2012-2017), it is recognized as an Integrative Research Center to bolster its role as a flagship for top-level international research at TUM.

Along with the graduate students of the Oskar Von Miller Forum, I identified

seven topics for workshops that interested them and have immense presence in environmental design with contingent high performance systems, materials and structures. The content explored the work of design professionals that are seeking to embrace a holistic approach for sustainability innovation, whereby practices and technologies are utilized not only to minimize adverse environmental and social impacts but also to regenerate urban ecologies. This was inevitably vital to realize the consequential risks involving rapid population growth, urbanization, economic uncertainty, carbon emissions and energy use, resource and ecosystem challenges, and anthropomorphic climate change. The workshops highlighted research and practice methods toward achieving high performance urban systems. It demonstrated distinguished environmental design, building science and technology that strategize thinking to achieve low-impact responsive built environments. Such framework was relevant to masterplanning, building structures, systems analyses and detail assemblies. In order to ensure an impactful validation of this material, I announced a series of three workshops



that covered these topics, as follows: 1) Positive Energy Practice: Vision, Reality and Performance, 2) Lessons and Guidelines on Building the World's Tallest Towers, and 3) Building Materials: Specification, Detailing and Technology Innovation. Part of the aforementioned topics assumes an insider's perspective, reflecting upon the design intent of global and landmark sustainable projects pursued by Adrian Smith + Gordon Gill Architecture, and builds upon this experience to offer theory-based solutions regarding various built environment integrated systems.

Academic Realizations

Another area of accomplishment was the serving as a crit for the 2015 Solar Decathlon and being a member of the Advisory Group for this joint venture between both the schools of architecture and engineering from TUM and the University of Texas at Austin (UTSoA). As known, the Solar Decathlon is an award-winning program that challenges 20 collegiate teams to design, build, and operate solar-powered houses that are cost-effective, energy-efficient, and attractive. The winner of the competition is the team that best blends affordability, consumer appeal, and design excellence with optimal energy production, and maximum efficiency. I was invited by Prof. Dr. Werner Lang to be part of the team for this competition. With 14 groups working on their schematic design phase, the aim was to select the most appropriate projects (maximum of five) for further processing with design studio of this round. Later, the final presentation for selecting the best design to move forward for this competition involved our Advisory Group, which is composed of renowned scholars and academic specialists, including: Prof. Manfred Hegger (TU Darmstadt), Prof. Dr. Michael Braungart (EPEA Hamburg and MDBC), Prof. Dr. Thomas Hamacher (TUM), Prof. Thomas Auer (TUM and Transsolar), Mr. Jan Zemlicka (TU Prague), Prof. Dr. Stefan Winter (TUM), Prof. Hermann Kaufmann (TUM), Prof. Dr. Werner Lang (TUM), Prof. Dr. Petra Liedl (UTSoA), Prof. Michael Garrison (UTSoA), Prof. Adam Pyrek (UTSoA), Mr. Michael Gatto (UTSoA), Ms. Julia Schauer (Bartenbach LichtLabor), and Prof. Dr. Mohamad T. Araj (UManitoba).

Departing from this great model, I foresee



Photo by Astrid Eckert

a cold-climate driven Solar Decathlon that can be initiated by us in Winnipeg. This could have a massive impact that educates students and the public about the environmental benefits and economic opportunities as presented by performance-based design solutions acting as clean-energy products and centers in our context. This also establishes a global reputation as a successful workforce development in extreme environments, while expanding on the Warming Huts initiative that is currently limited to small structures on the frozen river landscapes.

The final reviews for the PiusPlus design studio with Prof. Thomas Auer and Mr. Jürgen Mayer-Hermann was quite effective as well. It is based on the Pius district in Ingolstadt (60s Garden City) which is a monofunctional unused district and is regarded as a social focal point. Because of the low building density and the direct proximity to the Audi Pius district, the potential that it will be developed as a

sustainable model and carbon neutral city district was applied for exploring design possibilities. Aspects such as renewable energy, new mobility concepts and microclimate were an integral part of this mixed-use quarter. In their designs, students were asked to combine the module of Climate Adaptive Architecture. Our crit panel additionally involved: Prof. DR. Ulrich Knaack (TU Delft), Ms. Sieglinde Wolter (Audi), Dean Ralph Stern (UManitoba), Prof. Dr. Mohamad T. Araj (UManitoba), Prof. Thomas Auer (TUM and Transsolar), and Mr. Jürgen Mayer-Hermann (J.MAYER.H nd Partner).

For the exchange program between TUM and Manitoba, I pursued some investigation with regards to the architecture curriculum. It folded into identifying the undergraduate and graduate degrees potential for courses that our exchange students could easily recognize at TUM. The outcome was positive towards the university's planning for English as the only language of instruction

for graduate studies by 2017. This could allow for a wide range of topics including design studios, technology, theory and history, communication, and other specialty courses in science, engineering, health, information technology, environmental sustainability, energy, etc. that are not fully accessible in English to-date.

Joint Research and Educational Proposals

With this background, the Association for Construction Research and Professional Education of the Bavarian Construction Industry Association, together with TUM, has founded the endowed Institute of Energy Efficient and Sustainable Design and Building, reinforcing the TUM's profile in this domain. The Institute is a joint appointment between the Faculty of Architecture and the Faculty of Civil, Geo and Environmental Engineering. Its aim is the promotion of interdisciplinary research at both faculties and other engineering faculties, as well as the integration of energy efficient design and building as mandatory and elementary module of studies. So much so, our Faculty of Architecture at Manitoba encourages and recognizes contributions from partnerships with the professions and academic community for advancing and improving the culture of planning and design through collaboration internally and externally. There is a list of people interested in having joint research work with us in the field of Sustainability, Energy and Environment. I have initiated discussions with the chair of IEESDB, Prof. Dr. Werner Lang, and Prof. Thomas Auer of Transsolar and ClimaDesign at TUM for proposals in high performance facades design and theorizing building integrated renewable energy in buildings. We further established four thematic research areas in this discipline for advanced collaboration, namely: parametric design, climate design, embodied energy, and urban performance.

Additionally, it is wise to think of initiating a ClimaDesign program in Manitoba equivalent to TUM's identical postgraduate Master degree which is aimed at professional architects and engineers as a possibility of further education, and at graduates from the disciplines of architecture, civil engineering, building services engineering, mechanical engineering and physics with at least one year of professional experience. This program



has an international and interdisciplinary orientation and accords great emphasis to practical work. Participants are also offered the possibility of working full time while pursuing the Masters. The graduates of ClimaDesign at TUM are vital partners for a sustainable planning process as they can holistically advise and design energetically and technically optimized buildings, starting with the concept of a building up to its detailed design. In practice, such graduates can serve as an essential link between architects, constructors, builders and further specialists.

Another coordination is happening with the Group Leader of energy efficiency and smart cities, Dr. Vicky Cheng. She has special focus on urban energy systems and low carbon technologies. Her team at Institute of Advanced Studies seeks to tackle the challenges of nuclear phase-out alongside climate mitigation through optimizing the energy efficiency for buildings at the city level with integrated smart grids. Their work pays special emphasis on the applications of renewable energy systems and the coordination between heat and electricity supplies in urban areas.

Among the proposals that were established in Munich is a joint studio in Environmental Design between Manitoba and UTSOA. Prof. Dr. Petra Liedl and I have thought of such great venture to pedagogically test the collaboration between our two programs. The studio would have academic and cultural exchange on the planning and design of performative architecture. The goal is to establish a forum for the

exchange of experience and pedagogical methods between us. More specifics will evolve from this as we discuss it with further details. Prof. Vincent Snyder from UTSOA is further involved with research pertaining to cultural sustainability and technology. After few discussions in Munich, we established a collaborative framework for sharing views and experience with students. This was initiated through joint trips with his students to Stuttgart and Freiburg, where I scheduled a visit to the Transsolar Headquarters. We had an overwhelming stay as we were presented with their method towards climate engineering with the scope to ensuring the highest possible comfort in the built environment with the lowest conceivable impact on the environment. This is usually accomplished by developing and validating climate and energy concepts through the recognition of environmental conditions, which are generated with local notions, form, material and mechanical systems to meet synergistic components of a well-orchestrated and overall holistic design.

Included is the very productive conversation with Prof. Dr. Ulrich Knaack and Prof. Thomas Auer. With much delight, both of them are joining us for an Environmental Design Workshop at Manitoba in September 2014. Their talk covers the TU Delft PhD Program along with the importance of environmental design as a far-reaching integration of research and education. This occurs as a result of the active collaboration and discussions we initiated in Munich. Throughout my conversations there, I was further asking for a potential strategic

Conference/Symposium at the University of Manitoba. There is high interest from people in attending such venue. The response was collected from two levels: 1) faculty/management, and 2) associate researchers (including postdocs, PhD candidates, and Master students). People interested include those from Technische Universität München (TUM) and University of Texas at Austin. The optimal timing could be in October or March of the academic year.

Energy in Motion was the 4th Colloquium of the Munich School of Engineering this year. It is a cross-faculty research on energy related topics being advanced at the TUM, including all its technological, political and strategic facets. Among the PhD candidates, Yunming Shao is advancing work in design optimization with multivariable functions in energy benchmarking. He expressed his interest in working with us to advance his methodologies and potential outcomes. I had added discussions with various Masters students who are possibly interested in joining our program for their PhD. Lucas

Dengler is someone working on climate action plans in Munich and Nürnberg, and would be interested in my expertise in this area based on what was done for the Chicago De-carbonization Plan.

Conclusion

Departing from this experience, I believe an integrated research and academic agenda relevant to the scope of such appointments directly affects both the quality of design education and research as well as the effectiveness and efficiency of the architectural process. Faculties and professions should embrace interdisciplinary work and initiate edifices to meeting the demand for advanced skills in sustainable design and energy efficiency that necessitates successful integration of technical subjects into a creative design process.

With these synopses, I want to delightedly acknowledge the tremendous support of the Dean of Faculty of Architecture Prof. Ralph Stern and the Chair of Environmental Design

Prof. Dr. Marcella Eaton. Appreciation is further extended to my host in Munich Prof. Dr. Werner Lang for all his efforts and the greatly rewarding experience during the stay there. All valuable reception, help and efforts from Dean Prof. Sophie Wolfrum, Prof. Ernst Rank, Mr. Michael Klimke, Mr. Martin Luce, Ms. Stefanie Merz, Ms. Tatjana Steinberger, Ms. Anna Fischer, Ms. Isabelle Krier, Ms. Rosemarie Nöhbauer, Ms. Daniela Schäfer, Ms. Sabina Stangenberg, Mr. Klaus Mayer, Ms. Robbin Watson, Ms. Philippa Alexiuk, Ms. Lynn Bohonos, Ms. Simone Salfner, Ms. Barbara Weiant, Mr. Daniele Santucci, among others and the students are acknowledged with great thanks. ■



Harlyn Thompson Lecture Series



Above: Harlyn Thompson at the Winnipeg Centennial Celebration, Sept. 30, 2013

The Faculty of Architecture is pleased to announce that this upcoming year it will host the first Harlyn Thompson Lecture. This lectureship fund was established by Harlyn Thompson, former Dean of the Faculty of Architecture (1980-84) and the funds are used to support a lecture which showcases projects that emphasize a link between research and practice, demonstrating how an understanding of human interaction with place can inspire design. The commitment is to interdisciplinary focus with concern for human factors in design of the built environment.

When asked why a lectureship fund Harlyn replied "I think there's a need to recognize the fundamental importance of human factors in creating and/or modifying the built environment and without being too pedantic I'm reminded of one of Robert Gutman's points in the preface of a book he edited in 1972, *People and Buildings*, and I quote,

"Architectural phenomena involve a range of properties...from the subtle and elusive features of symbolism and sensual qualities at one end to the utilitarian qualities of measurable space and ambient conditions at the other...and all of these properties must be kept in view if one is to achieve a comprehensive understanding of the effect of the built environment on man and society."

The Faculty of Architecture thanks Harlyn for his continued commitment to the Faculty and we are very grateful for his contribution to this lectureship fund.

On March 16, 2015 Teddy Cruz will speak as the first Harlyn Thompson sponsored lecturer. Teddy Cruz is recognized internationally for his urban research of the Tijuana-San Diego border, advancing border immigrant neighborhoods as sites of cultural production, from which to

rethink urban policy, affordable housing and civic infrastructure. His investigation of this geography of conflict has inspired a practice and pedagogy that emerges from the particularities of this bicultural territory and the integration of theoretical research, pedagogy and design production. His practice and research convene knowledge from across the fields of architecture and urbanism, environmental and social practice, political theory and urban policy, visual arts and public culture, and mediate the interface between top down institutions (governments, universities, foundations) and bottom-up socio-economic, cultural and environmental intelligence embedded in communities.

Teddy Cruz has taught numerous design studios and seminars in universities in the US and abroad, including the GSD at Harvard University, the Berlage Institute in Rotterdam, the Ecole Special D'Architecture in Paris, City College in New York City; the Metropolis program at the CCCB in Barcelona; the Public Interest Design program at Portland State University; the University of Anyang, South Korea, the University of Auckland in New Zealand, and the Architectural Research program at Goldsmith's in London. He has lectured widely at renowned cultural institutions including the Tate Modern in London, the Museum of Modern Art in Sydney, Australia and the Palacio de Bellas Artes in Mexico City, as well as such prestigious keynote lectures as the L'Enfant Lecture by the American Planning Association, the 2013 Istanbul Art Biennial and TED-Global in Edinburgh.

If you would like more information on Faculty of Architecture events visit us online at umanitoba.ca/architecture ■



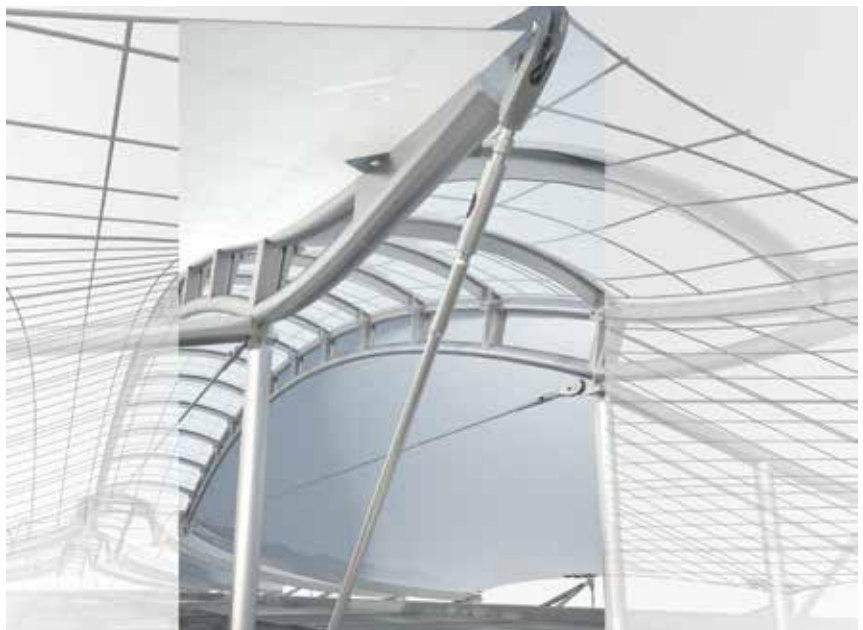
WERNER LANG

SUSTAINABILITY AS A DRIVER FOR A NEW BUILDING CULTURE

Biography | Dr. Werner Lang is a professor for Energy Efficient and Sustainable design building at TUM University in Munich, Germany. Lang is also the director of the Centre of sustainable Building where he works to unite competences of the TUM in the field of energy efficiency and sustainable design and building. The coordination of the Centre of Sustainable Building is assumed by the Institute of the same name, founded at the same time under the lead of Prof. Dr.-Ing. Werner Lang. Lang is currently the director of the Oskar von Miller Forum, founded by the Bavarian Construction Industry Association in Munich, providing a platform for interdisciplinary intellectual exchange between civil engineers.

The Centre's work aims at adjusting traditional buildings, using more than half of the total energy consumption, to ecologically progressive and energy efficient solutions.

SEPTEMBER 26, 2013
6 PM | CENTRE SPACE
JOHN A. RUSSELL BUILDING
FACULTY OF ARCHITECTURE
UNIVERSITY OF MANITOBA





VLADIMIR BELOGOLOVSKY

SOVIET MODERNISM: FROM GENERIC TO THE ICONIC

Biography | A clean break with history is the key feature of modernism. But nowhere in the world was such a break with tradition and a transition to modernism as abrupt and broad-based as in the Soviet Union. Despite the fact that the period from 1955 through 1985 did not yield new Corbusiers or Melnikovs to the world, a distinctive architecture known as Soviet modernism emerged nonetheless. In his lecture, Vladimir Belogolovsky will reveal the fascinating story of the political, social, and aesthetic aspects of the Soviet period, generally characterized by mass production in the mode of the industrial conveyor belt. Yet, despite being limited ideologically, creatively, economically, and technically,

many dozens of expressive architectural exceptions were achieved by Soviet practitioners during this time.

Selected Soviet modernist projects are traced as a progression from generic, to borrow a medical term (in other words, anonymous, non-discrete architecture) to the iconic – image-driven and signature type structures. Such analysis is particularly relevant today, when there has been a similar shift in architecture, but in reversed direction – from the iconic to generic, from signature buildings to performance-driven structures.

Vladimir Belogolovsky is the founder of New York-based Intercontinental Curatorial Project (www.curatorialproject.com) which focuses on organizing, curating,

and designing architectural exhibitions worldwide. Trained as an architect at Cooper Union he has published over 200 articles in American, European, and Russian publications and several books, including *Felix Novikov* (Tatlin, 2009; DOM, 2013), *Green House* (Tatlin, 2009), *Soviet Modernism: 1955-1985* (Tatlin, 2010), *Starchitecture* (DOM, 2014), and *Harry Seidler: Lifework* (Rizzoli, 2014).

OCTOBER 10, 2013
12 PM | CENTRE SPACE
JOHN A. RUSSELL BUILDING
FACULTY OF ARCHITECTURE
UNIVERSITY OF MANITOBA



JEFFREY COOK MEMORIAL LECTURE

BELINDA TATO

ECOSISTEMA URBANO: “FROM EGO-DESIGN TO ECO-DESIGN TOWARDS NETWORK-DESIGN”

Belinda Tato and Jose Luis Vallejo are founding members of *ecosistema urbano*, a Madrid based group of architects and urban designers operating within the fields of urbanism, architecture, engineering and sociology. Vallejo and Tato define their approach as urban social design, by which they understand the design of environments, spaces and dynamics in order to improve the self-organization of citizens, social interaction within communities and their relationship with the environment. *Ecosistema urbano* has used this philosophy to design and implement projects in Norway, Denmark, Spain, Italy, France and China.

Ecosistema urbano's principal members were educated in several different European

universities and come from many diverse urban environments (Madrid, London, Brussels, Rome, Paris). They have taught as visiting professors and have given workshops and lectures at the most prestigious institutions worldwide (Harvard, Yale, UCLA, Cornell, Iberoamericana, RIBA, Copenhagen, Munich, Paris, Milan, Shanghai, to list a few). They did this while implementing urban action and intervention in cities in Europe, the Americas and Asia.

Since 2000, their work has been nationally and internationally awarded on more than 30 occasions. In 2005 *ecosistema urbano* received the European Acknowledgement Award from the Holcim Foundation for Sustainable Construction. In 2006, they were

awarded the Architectural Association and the Environments, Ecology and Sustainability Research Cluster award. In 2007 they were nominated for the European Union Prize for Contemporary Architecture / Mies van der Rohe Award for emerging European architects. They were also selected out of more than 400 teams from around the world to receive an AR Award for Emerging Architecture in London, 2007. In 2008 *ecosistema urbano* won the Arquia/Próxima prize, awarded by the Caja de Arquitectos Foundation to the best project drawn up by young architects from 2006–2007. In 2009, they were nominated from more than 500 teams to be a worldwide finalist and recipient of the Holcim Award for Sustainable Construction, Silver Award.

OCTOBER 28, 2013
6 PM | CENTRE SPACE
JOHN A. RUSSELL BUILDING
FACULTY OF ARCHITECTURE
UNIVERSITY OF MANITOBA

From: <http://www.gsd.harvard.edu/#/people/belinda-tato.html>



DOUG CORBETT

SOCIALLY RESPONSIBLE ARCHITECTURE

Biography | Doug Corbett is an architect and graduate of the University of Manitoba, Faculty of Architecture. His completed projects have been recognized nationally and internationally for innovation in design and green technology features, which has become the signature for his design work. He was also recognized with a 2010 Canadian Architect Design of Excellence Award for the new Winnipeg Women and Newborn Hospital under construction.

Doug is a strong advocate of partnering concepts in the project delivery process with emphasis on design and sound environmental building practices. He has taught design studio at the University of Manitoba, Faculty of Architecture and has

lectured on design theory and professional practice. One of the biggest lessons learned, is that no single person is responsible for an entire project and that the success of any building depends on the collaborations between individuals on the building team.

Doug was the founding partner of Corbett Cibinel Architects in Winnipeg. He was the lead architect on the Red River College Princess Street campus, winning national and international awards for design and sustainability, including the prestigious inaugural 2006 RAIC Urban Design Award. Doug became a shareholder and design principal with Smith Carter in March 2009, and is currently practice leader for post-secondary education projects and

sustainable technologies.

As Architects we are professionally responsible to design buildings to meet Building Codes. We have contractual obligations to our Clients to spend their money wisely. But what is our Responsibility to Society? To the Cities, Communities, and Neighborhoods we build in? To the peoples and cultures we affect?

The talk discussed the concept of architecture as a social responsibility, using as case studies, Red River College Roblin Centre, the under construction Women's & Newborn Hospital in Winnipeg, and the recent University College of the North campus buildings in The Pas and Thompson.

NOVEMBER 06, 2013
6 PM | CENTRE SPACE
JOHN A. RUSSELL BUILDING
FACULTY OF ARCHITECTURE
UNIVERSITY OF MANITOBA



KAREN LEE

THE KEY ROLES OF COMMUNITY AND BUILDING DESIGN IN PROTECTING AND PROMOTING HEALTH

Biography | Dr. Karen Lee lives in NYC. She teaches on the built environment and health at the Pratt Institute in New York, and is also Adjunct Professor at the Schools of Public Health at the University of Toronto and the University of Alberta (also a World Health Organization Collaborating Center for Non-Communicable Disease Policy) in Canada. She is also Senior Advisor on Built Environment & Healthy Housing at the NYC Department of Health and Mental Hygiene. Dr. Lee has been the lead for the NYC Health Dept in its work with 12 city agencies and non-government partners, in the development of the award-winning Active Design Guidelines, published in January 2010. She and her staff at the NYC Health

Dept work with the American Institute Architects New York Chapter to organize the annual Fit City conferences since 2006.

Since the publication of the Active Design Guidelines, Dr. Lee's team has developed and implemented trainings on Active Design for architects and planners as well as community groups and residents, and has worked with city agencies and private sector partners on developing and implementing Active Design policies and practices in NYC and 15 other U.S. cities. Dr. Lee is also co-author on the recently released publications Active Design Supplement: Promoting Safety, and Active Design: Affordable Designs for Affordable Housing presenting low-cost and cost-neutral Active Design strategies to address

the epidemics of obesity and related chronic diseases. Dr. Lee was also involved in the development and publication of the recent NYC Health Department publication Active Design: Guide for Community Groups. Dr. Lee also consults to and advises cities and organizations in Canada, Australia, Asia, Europe and Latin America as well as World Health Organization offices on issues related to the built environment and chronic diseases.

Before coming to NYC, Dr. Lee was with the Epidemic Intelligence Service at the US Centers for Disease Control and Prevention (CDC) where she worked in the Division of Nutrition, Physical Activity and Obesity at the National Center for Chronic Disease Prevention and Health Promotion.

NOVEMBER 20, 2013
6 PM | CENTRE SPACE
JOHN A. RUSSELL BUILDING
FORT GARRY CAMPUS
UNIVERSITY OF MANITOBA

NOVEMBER 20, 2013
12 PM | ROOM R160
MEDICAL REHABILITATION BLDG
BANNATYNE CAMPUS
UNIVERSITY OF MANITOBA



ANNEMARIE JAEGGI

THE LEGACY OF THE BAUHAUS IN NORTH-AMERICA

Biography | Annemarie Jaeggi has been Director of the Bauhaus Archive / Museum of Design, Berlin since 2003. After completing her studies in Zurich and Freiburg and subsequently gaining a doctorate, US-born Jaeggi became an assistant at the Institute for Art History at the University of Karlsruhe. She followed her habilitation with various professor substitutions. Now, in addition to her work at the Bauhaus Archive, Jaeggi acts as an assistant lecturer at Berlin institute of Technology and lectures at Accademia di Architettura in Mendrisio, Switzerland. Her commitment to the field also includes membership to various committees as well as several contributions to academic literature on the subject.

Publications:

Fagus. Industrial culture between Werkbund and Bauhaus (New York: Princeton University Press, 2000).

Egon Eiermann, 1904-1970. Architect and Designer (Ostfildern: Hatje, 2004).

Bauhaus. A Conceptual Model (Ostfildern: Hatje, 2009).

MARCH 04, 2014
6 PM | CENTRE SPACE
JOHN A. RUSSELL BUILDING
FACULTY OF ARCHITECTURE
UNIVERSITY OF MANITOBA

MARCH 08, 2014
1PM | PLUG-IN GALLERY
460 PORTAGE AVE.
WINNIPEG, MANITOBA
UNIVERSITY OF MANITOBA

Action

2014 Atmosphere Symposium

February 6-8, 2014

The sixth annual Atmosphere symposium took place from February 6th to 8th. The multidisciplinary event involved five keynote speakers and twenty-two peer-reviewed paper presenters. Researchers came from as far away as New Zealand, Austria, Britain, France, and the Netherlands, as well as from ten American States, and two Canadian Provinces. Over 200 registered participants attended.

The symposium explored “action” from six angles: dwelling acts, environmental acts, socio-political acts, building acts, representational acts, and research-in-action.

In an era when movements like *Occupy* and *Idle No More* have risen to confront challenges impacting us all, the theme of “action” requires little explanation. But, in this symposium “action” is mixed with “atmosphere.” What might this imply? First, that “atmosphere,” in spite of its elusiveness, possesses ambient agencies – potent yet dispersed; and, second, that “action,” in spite of its capacity for focused change, is dependent upon nuanced

situational contingencies. From such premises, Atmosphere Action invited designers to consider how the built environment both subtly shapes and is shaped by human action.

Together with the agency of critical discourse, Atmosphere Action featured three graduate student exhibitions, showcasing design thesis and practicum projects from the Departments of Architecture, Landscape Architecture, and Interior Design, as well as the Faculty-wide show, *Traveling Acts*, exhibiting over 150 photographs from study-related field trips. The international study destinations supported by the Faculty in 2013 included China, Chile, Denmark, Sweden, Germany, Turkey, Britain, the Netherlands, Los Angeles, and the Arctic.

Atmosphere Action also supported four interactive media installations, or *Entr’actes*, devised by visiting and local researchers, as well as a student competition exploring the agency of photography. Six winning photos and twelve honorable mentions were exhibited during the symposium, with prior showings at

the Winnipeg Art Gallery and the Winnipeg Free Press Café, during the Design Festival in September 2013.

Atmosphere 2014 was generously sponsored by the Faculty of Architecture Endowment Fund, the Manitoba Association of Architecture, the Manitoba Association of Landscape Architects, the Professional Interior Designers Institute of Manitoba, and Stantec. A sincere thank you to everyone who helped make the symposium a success: Brandy O’Reilly and Elizabeth Bracken in the Partners Program, the Cultural Events Committee, Dean Stern, the 20+ student volunteers, and M.Arch student Thalia Andreoglou for her trusty magic on the atmos.ca website. Acknowledgement also goes to our distinguished keynote speakers: Dr. Lindsey Dugdill, Michael van Gessel, Alex Gilliam, Kanton Russell and Andrew Todd. ■

Dr. Lisa Landrum, Chair of Atmosphere Action
Assistant Professor, Department of Architecture



Photo by Leif Norman



Photo by Kyla Crawford



Photo by Kyla Crawford



Photo by Kyla Crawford



Photo by Leif Norman

About | Atmosphere is an interdisciplinary symposium led each year by one of the Faculty of Architecture's five units. The event generates discourse among diverse speakers on a specific theme of inquiry. Atmosphere 2015 will be led by the Landscape Architecture Department under the theme of Emergence and will take place February 5-7, 2015. For more information, see www.atmos.ca.

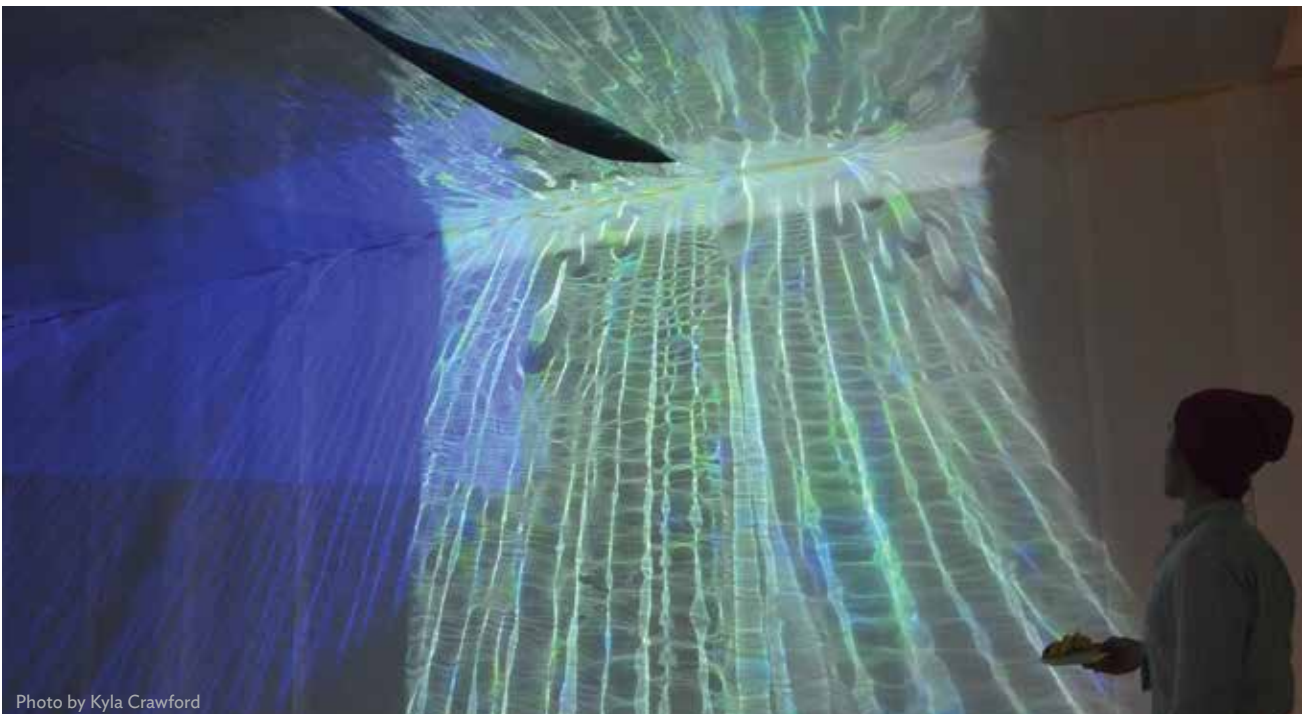


Photo by Kyla Crawford

Cultural Events



North of Ordinary

kobayashi + zedda

September 30, 2013

kobayashi + zedda architects ltd. is a Whitehorse-based architecture and planning firm and winner of the 2006 Professional Prix de Rome from the Canada Council. Jack Kobayashi (M.Arch 1992) and Antonio Zedda (M.Arch 1994) are graduates of the University of Manitoba's Faculty of Architecture. Together with their partner firm, 360° Design Build, KZA is a multi-disciplinary team of urban planners, architects, general contractors and carpenters. Kobayashi + Zedda Architects is the largest Yukon Architecture firm. 360° Design Build is one of the Yukon's most active private developers, having constructed over \$9 million worth of multi-use commercial and residential projects in downtown Whitehorse in the past 8 years. KZA believe in a compact pedestrian-friendly built environment, where building design is a reflection of the conditions unique to this part of the world.

Since its inception, the firm has worked on more than 500 design projects in the Yukon, Northwest Territories, Alberta, and British Columbia. These projects vary in scale from private residential renovations to the new \$65 million Whitehorse Correctional Centre.



The Once and Future World

James MacKinnon

October 15, 2013

J.B. MacKinnon is the author or coauthor of four books of nonfiction. His latest, *The Once and Future World*, released in September 2013. Previous works are *The 100-Mile Diet* (with Alisa Smith), a bestseller widely recognized as a catalyst of the local foods movement; *I Live Here* (with Mia Kirshner and artists Michael Simons and Paul Shoebridge), a 'paper documentary' about displaced people that made top 10 lists from the Bloomsbury Literary Review to Comic Book Resources; and *Dead Man in Paradise*, the story of a priest assassinated in the Dominican Republic, which won Canada's highest prize for literary nonfiction. As a journalist, MacKinnon has won more than a dozen national and international awards. He is a past editor of *Adbusters*, the 'culture jamming' magazine that launched the Occupy movement, and a past senior contributing editor of *Explore*, Canada's national outdoors magazine. MacKinnon is a rock climber, mountain biker, snowboarder, and—yes—a birdwatcher. He lives with his partner Alisa Smith in Vancouver, Canada.



Speak of the Devil

Steve Badanes

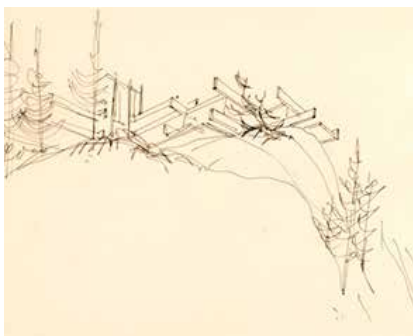
November 7, 2013

Steve Badanes is a co-founder of Jersey Devil, a group of architects, artists, and inventors, committed to the interdependence of design and construction. Jersey Devil builds all their own work, which shows concern for craft and detail, innovative use of materials, and a strong environmental consciousness. Badanes has lectured on design/build at over 100 universities and a dozen countries.

At University of Washington, Badanes holds the Howard S. Wright Endowed Chair and directs the Neighborhood Design/Build Studio. He has led design/build studios throughout the US and in Canada, Cuba, Finland, Ghana, India, and Mexico.

Badanes has been awarded the Solar Pioneer Award from the American Solar Energy Society, Education Awards from the AIA, and a Weird Home Award from the National Enquirer.

The lecture, "SPEAK OF THE DEVIL", will highlight stories and images from 40 years of design/build -- with the nomadic Jersey Devil group, and in collaboration with students.



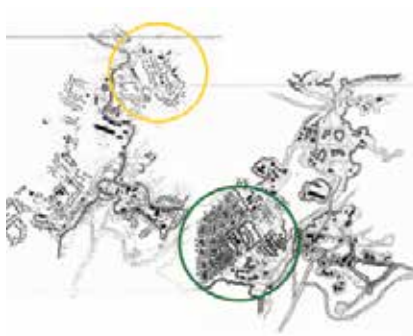
**Arthur Erickson -
Architecture into Landscape**

Michaelangelo Sabatino

November 18, 2013

Michelangelo Sabatino (Ph.D.) is Associate Professor and Director of the History, Theory, and Criticism Program at the Gerald D. Hines College of Architecture, University of Houston. He is a critic, designer, teacher and historian. His research and teaching explore the intellectual history and material cultures of modern and contemporary architecture, design, landscape, and urbanism. His award-winning books include *Pride in Modesty: Modernist Architecture and the Vernacular Tradition in Italy* (2010) and, with Jean-François Lejeune, *Modern Architecture and the Mediterranean: Vernacular Dialogues and Contested Identities* (2010). He is currently completing a book, *Arthur Erickson: Architecture into Landscape*, forthcoming from Princeton Architectural Press and McGill-Queens University Press.

Arthur Erickson expanded the boundaries of design by merging architecture into landscape. By activating the landscape, Erickson established a dialogue between nature and artifice, between “natural” design and the willful manipulation of space. This lecture positioned Erickson’s contribution to Canadian architecture and urban design from the 1950s through the 1980s within a broader international framework.



**Scenario Planning: A Tool to Build
Planning Capacity**

Stacy Harwood

January 23, 2014

Stacy Anne Harwood (Ph.D.) is an Associate Professor of Urban and Regional Planning at the University of Illinois, Urbana-Champaign. Professor Harwood’s research focuses on planning for difference and with diversity. She links scholarship to planning practice by examining how practitioners deal with the mandates of participation and equity in land-use planning and how planning codes and regulations differentially affect diverse populations. This interest is founded on years of participant-observation of planning in U.S. and Latin American cities, where she has paid particular attention to the phenomenon of multicultural communities in which planning processes that endorse the ideals of justice and tolerance nevertheless often fall short.

Professor Harwood’s research demonstrates that the local government sponsored neighborhood improvement programs are problematic for neighborhood activists; they bring about positive physical change, but vitiate the effort for more fundamental, social change; land use ordinances and other municipal codes serve as a city’s border checkpoints by regulating socio-cultural differences; and the strategy of using “scenarios” can strengthen community planning by building both trust and planning capacity in multicultural settings, laying important groundwork to creating planning process that embrace rather than reject difference.



Explorations In Light | Lighting

Judy Theodorson

February 26, 2014

Judy Theodorson is a member of the faculty of Interior Design in Washington State University’s newly formed School of Design + Construction. She seeks to facilitate conceptual and strategic linkages between building science and design -- always mindful of the human condition and informed by paradigms for sustaining futures. Her teaching and creative scholarship explores multiple dimensions of light / lighting with emphasis on experimental observations and modeling. She has been honored by IDEC in 2013 with a Creative Scholarship Award and in 2012 with a Teaching Excellence Award. Her students’ design work has achieved national recognition for sustainability, lighting, retail design, humanitarian design, and housing design.

Light is elemental to design. As a substance, light fills space, rendering visible the material world. As concept, light / lighting extends a message and offers an experience. As function, lighting provides for necessary visual activities. As biology, light impacts health and wellness. This lecture presented a organizing framework that contextualizes these multiple dimensions of light / lighting within design perspectives.



Architecture - Investigations & Advocacy

Heather Dubbeldam

March 6, 2014

Heather Dubbeldam is the principal of DUBBELDAM Architecture + Design, a multi-disciplinary design studio recognized as one of the leading young practices in Toronto. The studio's approach explores each project on a macro and micro scale – from architecture and interiors to furniture, product and landscape design – every element is considered part of an integrated whole. As a result, the studio has received numerous awards for both design and practice, and wide recognition in national and international publications.

Heather is the recipient of the 2013 RAIC Advocate for Architecture award, bestowed for her contribution to the elevation of architecture in the public realm by means other than the practice of architecture. Her commitment to advocacy can be seen at the local, regional, and national level, as the Co-Chair of the Toronto Society of Architects, a Director of the provincial Design Industry Advisory Committee, and Co-Director of Twenty + Change, a national organization dedicated to promoting the work of emerging Canadian architects. She is the co-editor and co-author of several architecture and design publications, and regularly makes time to mentor architecture interns in order to build bridges between the profession and the educational world. Heather speaks about the work of her practice and about the critical role that architects play in advocating for our profession.



Designing a Post Growth Economy

James Magnus-Johnston

March 7, 2014

James is a political economist with a focus in ecological economics. He is the Canadian Director of the Centre for the Advancement of the Steady-State Economy (CASSE), an organization that fosters the transition to a resilient, dynamic economy without “growth; and a lecturer in Political Studies and Economics with Canadian Mennonite University.

In a world with a changing climate and resource constraints, it's increasingly apparent that economic growth, excessive consumption, more debt, and longer work hours are no longer the best formula for a better economy or a happier life. James Magnus-Johnston outlines how to design a post-growth “steady-state” economy where our social and economic goal is to have “enough” rather than “more.” New economic strategies also call for the design community to re-imagine cityscapes that enable simpler, more sustainable living. A steady-state economy doesn't mean “doing without” or going back to the horse-and-cart. It requires highly densified, walkable communities, more active transportation options, a highly-networked sharing economy, a flourishing arts scene, and a more resilient built environment. In more ways than one, the future is ours to design.



Environment + Identity: The Practice Of Tzannes Associates

Mladen Prnjatovic

March 13, 2014

Tzannes Associates is a leading Australian architecture practice that works across the design spectrum, from very large through to very small projects. The practice is known for its elegant, enduring work and its principled approach to design.

Director Mladen Prnjatovic was born and grew up in Sarajevo, former Yugoslavia. He studied at the School of Architecture in Belgrade before arriving in Australia in 1996 and completing his architecture degree in 1998, and law degree in 2006, both at the University of New South Wales. He has worked with Tzannes Associates for 15 years, designing houses, interiors, apartment buildings and public work. He was appointed a Director of the firm in 2006.

Mladen sets out to explore whether there is a definable ‘Australian’ quality to the practice's 30-year portfolio of work – does the abundance of Australia's natural beauty and its apparently egalitarian culture define the firm's design response. Or is Tzannes' design philosophy more international in scope, part of a broader global dialogue – about what makes a great house or public building, how good architecture builds communities and shapes lives, and how we can build better, more functional places to live.



Land / Scape / Architecture

Eelco Hooftman

March 25, 2014

Eelco Hooftman is a landscape architect and together with Bridget Baines founding partner of GROSS. MAX. Landscape Architects, Edinburgh. He studied at the University of Agriculture Wageningen, The Netherlands. Between 1990–2008 he taught at the School of Landscape Architecture at Edinburgh College of Art. He has been a regular visiting critic at AA London, Academie van Bouwkunst Amsterdam and ETH Zurich. Since 2008 he is visiting professor at GSD, Harvard. Current projects include Tempelhof Freiheit, Berlin. –a Master Plan for the transformation a of 360 hectare former airport into a new public park– and a linear Park representing an artificial mountain range in the Central Business District of Beijing. GROSS. MAX. has been awarded the European landscape Award 2006 by Topos Magazine.

Landscape Architecture interacts in a complex continuum between man and nature, town and country, land and architecture. We no longer reconcile the duality of opposite forces but orchestrate and choreograph a multitude of dynamic and hybrid interactions. For us the very act of landscape architecture is not unlike taking off on a reconnaissance flight above unknown territory whilst flying, undetected, below the radar of styles. The world below: a multitude of vividly moving lines and figures. Calligraphy intertwined with cartography.

Food for Thought

Lunch time lectures that feed your mind and body.

FALL

LAUNCH

The Winnipeg Design Festival

September 12, 2013

Scaling the Process of Designing and Making: Objects, Architecture, Landscape, Urbanism
Darrel Ronald

September 16, 2013

Soviet Modernism: From Generic to the Iconic
Vladimir Belogolovsky

October 10, 2013

Arctic Adaptations: Architecture in an Expanded Territory

Lola Sheppard

October 17, 2013

Dialogue: Landscape+Dreams+Manitoba
MALA (Discussion Panel)

October 29, 2013

The Scene and the Unseen: Reflecting on 37 years of Planning Practice

Michael Gordon

November 7, 2013

WINTER

Searching for the “New Sacred” in Istanbul: Travel and the Design Process

Renee Struthers and Theo Rutherford

January 16, 2014

A Tale of Two Hamlets
Shane Solomon

March 11, 2014

A Vague Terrain
Lisa Stinner-Kun

March 18, 2014

On the Nature of Aesthetic Categories
Jaya Beange

March 20, 2014

Arch 2 Gallery



Harry Seidler: Architecture, Art and Collaborative Design

Vladimir Belogolovsky

September 12 to October 10, 2013

Harry Seidler (1923–2006) was the first architect to fully express Bauhaus principles in Australia, exemplified by his first project for his parents—the Rose Seidler House (Sydney, 1950). All his life, Seidler was, in his own words, “the torchbearer of modern architecture”—a sincere missionary for the cause of modernism. In nearly 60 years of practice the architect realized 160 projects—from single family houses to apartment buildings, multi-story office towers to civic and cultural centers, as well as important government commissions in Australia, Austria, France, Israel, Italy, Mexico, and Hong Kong. Among his most noticeable works are Australian Embassy in Paris; Wohnpark Neue Donau, a residential community in Vienna, and many characteristic towers, which essentially define the skyline of contemporary Sydney.

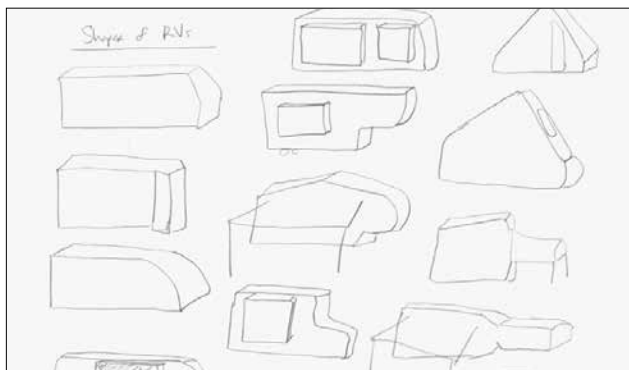


TRANSCONTINENTAL TRANSECT: exploring everyday landscapes in the heart of the continent

Ted McLachlan

January 7 – February 10, 2014

Transcontinental Tract: exploring everyday landscapes in the heart of the continent is an exhibit of digital Gigapan panoramic images and analog Noblex black and white images that explores the nature of everyday landscapes in the heart of North America. The images follow a transect line from Churchill Canada (port on the arctic) and Manzanillo Mexico (port on the Pacific).



For My Dad

Sherry Walchuk

November 5 to December 15th, 2013

Sherry Walchuk lives and works in Mission BC, and in Montreal QC, where she recently completed her MFA in Painting/Drawing at Concordia University. Working from memory and imagination, the cardboard spaces that she creates evoke sites of suburban leisure activity. Situated in the yard and outside of the home, where the rules loosen, these spaces become characters in Walchuk’s world. Ultimately, the humanity in these objects allows us to find humour in our own fumbling attempts to move through the world. It forces us to deal with and to be present in the insecurity of being and doing.



Canadian Society of Landscape Architects

2014 Awards of Excellence

March 10 – April 21, 2014

The CSLA Awards of Excellence honours distinctive design, ground-breaking research, sustainable landscape management and much more. Our CSLA landscape architects revitalize derelict inner-city shorelines and fashion pedestrian-friendly streetscapes. They build avant-garde residential gardens and turn brownfields into sustainable parks. They shape our urban landscapes, spearheading city-wide planning and design. Each year, jurors select exceptional projects across many areas of expertise.



Ditchball 2014

Over the past few years, safety concerns have arisen regarding structural design of the 'ditch'. Building a ditch out of a giant snow pile, digging a trench through it and icing the ditch was simply no longer a feasible option for the Faculty of Architecture.

With the huge help of students, a plan was worked out to attempt to provide an alternate method of constructing the 'ditch'. After meetings with the Environmental Health & Safety Office and Physical Plant, the Student Architecture Society's designed plan was accepted but unfortunately the construction costs were prohibitive for 2014 event. Now that the groundwork has been set, the possibility of Ditchball returning one day in the more traditional sense (including an alternately constructed 'ditch' structure) remains.

In March 2014, Ditchball occurred with a slightly different playing field than the conventional 'ditch'. The day started with the traditional song and dance through the halls and tunnels of the University campus and the spirit of the game buzzed throughout the Faculty all day long. ■





Warming Huts 2013/2014

By Matt Hagen | The Forks' market in Winnipeg, home to the world's longest naturally frozen skating trail, hosts an international design competition - Warming Huts: Art + Architecture. Annually, hopeful design riverside shelters that "push the envelope of design, craft and art". This year, SKYBOX, designed by Environmental Design students Evan Taylor, Ryan Lewis and Matt Hagen, was chosen as the Faculty of Architecture, University of Manitoba winner. SKYBOX was designed to create a visual immersion of people against the ephemeral backdrop of the sky. The interior was coated with polished and unpolished stainless-steel panels for durability. A large, reflective angular plane with attached seating faced a vertical mirror allowing visitors to appear to be sitting among the clouds - and use their cameras to take a "selfie."

SKYBOX was designed and built in a series of modular configurations. Each wall segment was framed within 4' x 8' parts, allowing for reduced amounts of wasted material. The design team's strength was found in its interdisciplinary cross between Landscape Design and Architecture.

Submitted as an extra-curricular exploration outside of studio work allowed the student team creative freedom and an opportunity to add their own individual touch to the design. Due to the unpredictability of winter's longevity, challenges such as transportability and size were considered in the design of SKYBOX.

Embracing the current generation's fascination with social media, the creation of this photographic opportunity encouraged guests to immerse themselves in the experience. Through the process of uploading images with the tagline #SKYBOXWPG, the community could interact with and promote the Forks' Red River Mutual Trail. At the end of the season, when SKYBOX was removed, a collection of unique pictures allowed the memories of SKYBOX to live on.

Check out pictures from SKYBOX online at skyboxwpg.ca. ■





Year End Exhibition 2013/2014





The 2013 – 2014 Faculty of Architecture's Year End Exhibition was the perfect closing to a demanding and dynamic academic year. The classrooms, studio spaces, hallways, entrance foyers and lounges of the John A. Russell, Architecture 2 and CAST buildings provided a venue for students to showcase their studio work from the past year.

The Year End Exhibition offered an opportunity to see the entire range and scope of work that is produced in the Faculty of Architecture during the academic year. Descriptions of assignments were posted and both students and professors were on hand to meet and discuss the nature of the work to the hundreds of visitors of the Faculty.



Shenzhen Biennale

深港城市\建筑双城双年展
仓库及国家地区馆揭幕仪式

URBANISM \ ARCHITECTURE BI-CITY BIENNALE (SHENZHEN)
WAREHOUSE &
NATIONAL AND REGIONAL GALLERY OPENING CEREMONY

12.6 9:30



By Lisa Landrum | Three architecture students earned top prizes for their submissions to the International Student Video and Poster Competition on Urban Borders, as part of the 2013 Urbanism/Architecture Bi-City Biennale in Shenzhen, China.

Liane Lanzar (ED4) earned second prize for her clip animation film *Heart of the Continent*, which tells the story of Winnipeg's shifting urban boundaries through a layering of maps and archival documents. Her four-minute film was also featured at Winnipeg's 2014 Architecture + Design Film Festival. Yi Dazhong (M2) earned third prize for *Keep the Street Empty*

for Me, a mix of video and stills exploring the ambiguous threshold between sleep and dream in the margins of the city. Sarah Stasiuk (ED4) earned third prize for her poster *Meandering Red*, a colorful collage mapping the palimpsestic patterns of habitation along Winnipeg's Red River.

Each award included a cash prize in addition to the honour of being exhibited at the Biennale alongside other installations by international architects, artists, academics and curators. Lisa Landrum, in collaboration with her partner Ted, also contributed a case study of Winnipeg's Past, Present and Future border conditions to the Biennale exhibition, telling the geological and cultural history of

the Winnipeg region in three large collages.

Students prepared their competition submissions as part of Lisa Landrum's architecture design studio: *In and Out of Bounds*. Lisa led her studio on a field trip to China for the opening of the Biennale in December 2013. In the Pearl Delta region, they visited Shenzhen, Hong Kong, Macau, Kaiping and the complexly stratified city of Guangzhou, home to some of China's oldest Buddhist temples and newest projects by Zaha Hadid. The fieldtrip immersed students in diverse border conditions, broadening and deepening their understanding of civic and cultural thresholds in ways that informed their final design projects for sites in and beyond Winnipeg. ■



Heart of the Continent
Liane Lanzar



Keep the Street Empty for Me
Dazhong Yi



Meandering Red
Sarah Stasiuk



Table for 1200

A Student Perspective

By Jaya Beange & Apollinaire Au | It's an exciting era of architecture in Winnipeg. Hundreds of Canadian architects converged in Winnipeg for the Festival of Architecture, an annual event organized by the Royal Architectural Institute of Canada - three days of continuing education, guest speakers and tours of Winnipeg's architectural gems. A complementary 'fringe' festival was organized by Storefront MB to offer after-hours programming. The Architecture Fringe Festival featured events ranging from a classy cocktail party in a secret Osborne courtyard to a midnight game of urban golf amongst the iconic buildings of the Exchange District. The final feature of this design series was the epic Table for 1200, the impressive

logistical accomplishment of Storefront MB and 5468796 Architecture. 1200 people sat down to a family-style dinner at a 1200-foot long table extending over the Red River on the Esplanade Riel and alongside the new Canadian Museum of Human Rights. The evening included delicious food by RAW: almond, delightful conversation with new friends and a breathtaking sunset. The tables were uniquely adorned with decorations such as masks, riddles, red plastic horns, sod placemats and laser-cut armatures to help the foodies Instagram. It was an evening very few will soon forget, though we're hoping it happens again next year. Winnipeg should be proud of its architecture, of its hospitality and of its bountiful spirit. ■



Keeping the Memory Alive

Journeys through the Holocaust

By Kim Wiese | Posters have been used for more than 150 years to grab our attention. Visually arresting, incorporating graphics and typography, posters convey a strong, succinct message meant to move those that see them. They deliver a punch, a thought, an idea that can be instantly understood, absorbed and reacted to by their audience. As an art form, posters are ubiquitous and accessible – appearing in multiples, covering public surfaces from walls to light posts, visible to all. They are, by their very nature, extremely current. They draw attention to an event, political message or product, which may change or be gone in the following days or weeks. They offer fresh perspectives on old themes. It is this cutting-edge nature of

the poster that makes them so exciting – they reflect the here and now.¹

From March 2013 to March 2014, Canada chaired the International Holocaust Remembrance Alliance (IHRA).

In conjunction with the chair year, Canadian students in Graphics, or Art and Design, were invited to compete with students from around the world in an International Poster Competition on the theme “Keeping the Memory Alive – Journeys through the Holocaust.”

This joint initiative of IHRA and Yad Vashem in Israel seeks to bring substance, meaning and educational value to Holocaust commemoration. As part of the competition, Holocaust education seminars were held at

five colleges and universities across Canada, as well as online, with support from local Holocaust Centres.

In total, 46 entries were received from across the country. Dr. Carson Philips (Head of Education at the Sarah and Chaim Neuberger Holocaust Education Centre in Toronto) and Mr. Charles Pachter (internationally renowned contemporary Canadian artist) selected seven Canadian finalists to advance to the international judging committee, two of which finished in first and second place. Another two of the Canadian finalists were also selected as top-16 international finalists. ■

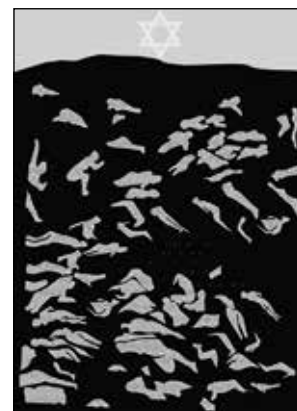
¹ “Keeping the Memory Alive,” Yad Vashem, accessed March 8, 2013, http://www.yadvashem.org/yv/en/education/international_projects/posters/three_posters.asp



Alicia Zayshley



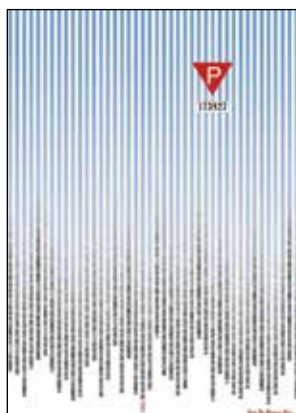
Amanda Reis



Andrea Steingrimsdottir



Anita Robles



Branton Leski



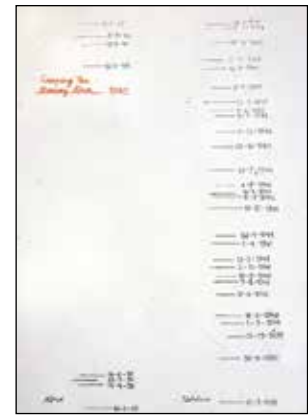
Carson Wiebe



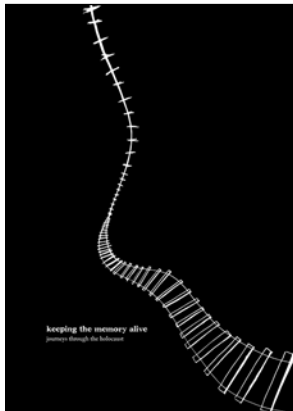
Corey Doucette



Desiree Rantala



Ian Cheung



Kathleen Nicanor



Kent Mundle



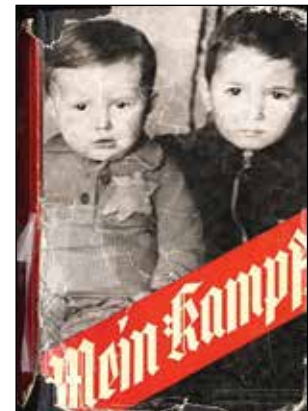
Krystyl Bergen



Larissa Blumenschein



Lesley St. Goddard



Samantha Brodick



Tanya Kapelus



Taylor Gould

EVDS2800 Visual Media
Faculty of Architecture
Environmental Design Program Year 2
Instructor: Kim Wiese BID MArch
Co-Instructor: Thom Jeffrey Garcia BID

"Keeping the Memory Alive," Yad Vashem, accessed March 8, 2013, http://www.yadvashem.org/yv/en/education/international_projects/posters/three_posters.asp

Finalists



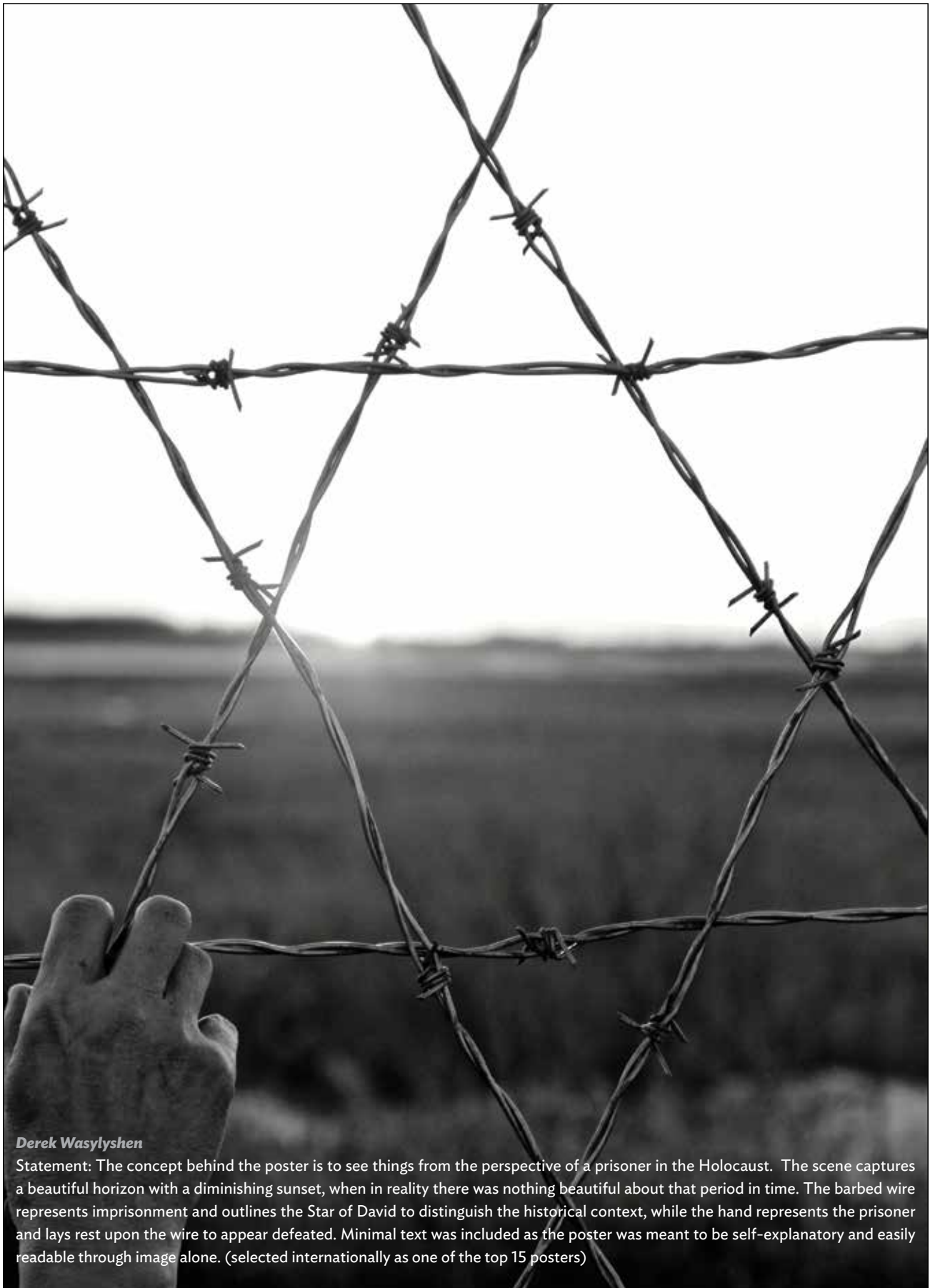
Matthew Rajfur

Statement: A child should have the right to learn about the world in which they will inevitably grow old. The first years of school shape a child's mind. It is there that they begin to understand language, art, science and mathematics. Instead, children living in Nazi run concentration camps learned about the brutality, hatred and evils that can exist within any man, woman or child. One and a half million children lost their lives in Nazi concentration camps, and those that lived have emotional and physical scars that will never truly heal.



Neda Uddin

Statement: The inspiration behind the poster was the idea of individuality being lost during the Holocaust. The image is a hand holding a burning identity card. This represents the loss of an identity and everyone being treated as a number. People were not referred to by their names, but instead they had a number that was attached to them. This took away any personal connections to people. Identity is how people introduce themselves and distinguish themselves from one another. During the Holocaust, this main differentiating aspect of a person was taken away from them.



Derek Wasylyshen

Statement: The concept behind the poster is to see things from the perspective of a prisoner in the Holocaust. The scene captures a beautiful horizon with a diminishing sunset, when in reality there was nothing beautiful about that period in time. The barbed wire represents imprisonment and outlines the Star of David to distinguish the historical context, while the hand represents the prisoner and lays rest upon the wire to appear defeated. Minimal text was included as the poster was meant to be self-explanatory and easily readable through image alone. (selected internationally as one of the top 15 posters)

Robert Ledingham

B.I.D. L.L.D. 1942-2013

By Faye Hellner | “He understood that design was at once an art and a science.”

In 1960, when we began studying Interior Design, the profession was in its infancy. The rigour and breadth of our education went unnoticed, or was trivialized by our friends in architecture, medicine and law. By 1975, when Robert Ledingham opened his interior design practice in Vancouver B.C., his client list included politicians, power brokers, property developers and the very doctors, lawyers and architects of our undergraduate years.

Ledingham’s interiors appear in numerous Canadian and international publications and have earned his practice many prestigious awards. His projects include custom residential homes, multi-family residences, hotels, commercial, institutional and medical interiors. Laurel Point Inn in Victoria, Westin Whistler Hotel and Spa, Vancouver Pan Pacific and the Westin Grand Hotels are but a few of an inexhaustible list of his works.

While the Faculty of Architecture’s Department of Interior Design educated students, Ledingham’s office subsequently provided the professional training ground for many of them; serving both the department and the profession of interior design with his rigorous attention and commitment, Ledingham offered a ‘residency’ in his office, where our graduates honed their education to its full potential.

In 1998, in recognition of his initiatives in developing a stringent accreditation process for university-level interior design programs across North America, he became the first Canadian to receive the International

Interior Design Association’s Leadership Award. Two years ago, the same association presented him its Leadership Award of Excellence.

In 2006 the University of Manitoba deemed it appropriate to award the first honorary doctorate to an Interior Designer: Dr. Robert Ledingham B.I.D. 1964.

Ledingham’s achievements have been well recorded as a professional designer and as a leader in practice and education. In addition to the honorary doctorate, he garnered no fewer than 29 other awards and distinctions throughout his career, both for his own work and for his contributions to interior design in general.

Perhaps less publicized was his generous commitment to the arts, his philanthropy and compassion. Bob Ledingham was a benefactor of many cultural institutions in Vancouver, Seattle and Winnipeg, including the Vancouver and Seattle Opera Companies and the Royal Winnipeg Ballet. Whether it was a project for a wealthy client whose home overlooked Vancouver’s waterfront or pro bono work at the Dr. Peter Centre for people living with HIV and AIDS in the city’s West End, Bob Ledingham’s interiors were subtle, elegant, personal, beautifully planned spaces.

Robert McKee Ledingham was born in Ottawa on May 11, 1942, the younger son of George Aleck Ledingham and Georgina Eleanor McKee. Early on, his father, a scientist and world expert on wheat rust, moved the family to Saskatoon, where he headed the National Research Council’s Prairie Regional Laboratory at the University of Saskatchewan.



“Often, young Rob, as his family called him, and his big brother, Al, participated in lively, esoteric discussions around the family dinner table with scientists visiting from around the world. Those dinners instilled in him the importance of listening, of asking questions and drawing people out. Even though he knew he’d go in a different direction from his father, the scientist’s sense of precision, of how even the smallest measurement could make a world of difference, was ingrained in him from the start.”

For more than thirty years Robert Ledingham and his partner Robert Lemon, an architect and the City of Vancouver’s senior heritage planner, travelled the

world together and entertained in their beautiful 1930’s art-deco home. No detail was overlooked; fine furnishings and music, fine food and wine, fine company and conversation, fine hospitality and lasting friendships were the hallmark of their lifestyle.

Bob and I knew each other for 52 years. When we first met, he was quiet, polite, motivated, hard working, funny, generous, kind and gifted. It’s not surprising that he had an extraordinary career. What is surprising is that the last time I saw him he was quiet, polite, motivated, hard working, funny, generous, kind and wise. At his memorial service in Vancouver in September the tributes presented by his family, friends,

colleagues and clients had a consistent theme. Robert Ledingham was a class act in every way.

In memory of Robert Ledingham, those of you who knew him are invited to contribute to the Robert Ledingham Legacy Fund through the Interior Designers of Canada Foundation. In commemoration of Robert’s passion for interior design education, the fund will be used to create scholarships for interior design students.

To contribute online: idcanada.org/foundation
Quotations from theglobeandmail.com ■

WAREHOUSE JOURNAL
VOLUME 23

Warehouse is an annually published journal of student work at the University of Manitoba's Faculty of Architecture. It is devoted to the critical pursuit of design discourse and the greater application to various collective communities. The journal attempts to reflect, engage and extend the ideas inherent within the various departments that fall within the interdisciplinary vision of our Faculty.

www.warehousejournal.org

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Last year's Volume 22, edited and designed by Robyn Arnason, Evan Gomes and Aaron Pollock, went on to win an award for excellence in book design. It was released in October 2013 and is available to purchase.

This year's edition, Warehouse Journal Volume 23 will be released and available for purchase in late 2014, and will be edited by Liane Lanzar and Kevin Complido.

If you are interested in obtaining copies of Warehouse, or would like to sponsor any future editions, please contact us.



Faculty of Architecture

Awards 2013 - 2014

FACULTY WIDE AWARDS

University of Manitoba Graduate Fellowship

Architecture

Caroline Inglis
Nathan Johns
Lars Lindstrom
Sylwia Sieminska
Andrew Craig
Kailey Kroeker
Ryan Marques
Nicole Vigneux
Stephen Faust
Deya Iskandarova

Interior Design

Jaymie Borchardt
Stephanie Prouse

Landscape Architecture

Kyla Tulloch
Michelle Tustin
Scott Irvine
Krista Goodman

Manitoba Graduate Scholarship

City Planning

Adam Kroeker
Krista Rogness

Interior Design

Maria Thom

Landscape Architecture

Kayleigh Lysenko
Meaghan Pauls

SSHRC

Erica Blackie (City Planning)

ARCC / King Student Medal

Amiee Mah (Interior Design)
(2012 -2013)
Andrei Friesen (City Planning)
(2013 - 2014)

Corrigill Scholarship

Environmental Design

Derek Wasylshen
Devon Meyer
Catherine Peters

Architecture

Brent Adams

City Planning

Gabrielle Donoff

Interior Design

Stephen Arentsen

Landscape Architecture

Kari Zahariuk

Faculty of Architecture Endowed Scholarship

Architecture

Stephen Faust

Environmental Design

Garth Woolison

City Planning

Erica Blackie

Interior Design

Stephanie Prouse

Landscape Architecture

Bing Wang

Faculty of Architecture Design Award

Evan Taylor

Fridrik Kristjansson Scholarship in Architecture 2012/2013

Clifford Goodwill (2012 /
2013)

Mary Jane Kroeker (2013 /
2014)

G. Clarence Elliott Fellowships

Jeanna Klassen
Shengxu Li

James Palmer Lewis Student Award

Devon Meyer

Maxwell Starkman Travel Award

Jeanna Klassen (2012 - 2013)
Adam Kroeker and Mary Jane
Kroeker (2013 - 2014)



Price Industries Ltd. Recruitment Award

Architecture

Apollinaire Au

City Planning

Ryan Segal

Interior Design

Jaymie Borchardt
Stephanie Prouse

Landscape Architecture

Stephanie Kirkland
Carmela Bul-Lalayao

Environmental Design

Derek Wasylshen
Corey Doucette
Evan Taylor
Kent Mundle

ENVIRONMENTAL DESIGN PROGRAM

Dan Muir Memorial Award

Aaron Pollock (2012 -2013)
Evan Schellenberg (2013 -
2014)

Dr. A.W. Hogg Scholarship

Garth Woolison

Isbister Scholarship

Garth Woolison

James Palmer Lewis Student Scholarship

Tatum Lawlor
Katherine Pihooja
Hillary Cohen
Sarah Stasiuk
Breanna Mitchell
Stephanie Eligh

Kasian Scholarship For Architecture And Design Excellence

Sarah Stasiuk

Michael Cox Scholarship

Caroline Grimes

Pinky Prize

Wei Zou

Students' Architectural Society Award

Caitlin Brock
Kateryna Kreftsun

Terry Cristall Scholarship In Environmental Design

Evan Schellenberg

**The R.A.C. Memorial
Scholarship**
Sarah Manteuffel

**University of Manitoba Gold
Medal**
Sarah Stasiuk (2013 – 2014)
Robyn Arnason (2012 – 2013)

**William And Olive Humphrys
Scholarship For Architecture**
Stefan Klassen

DEPARTMENT OF ARCHITECTURE

Alpha Rho Chi Medal
Souk Xoumphonphackdy
(2012 – 2013)
Jeff Del Buono (2013 – 2014)

**American Institute of
Architects Medal**
Henry Tufts (2012 – 2013)
Volodymyr Amiot (2013 –
2014)

**American Institute of
Architects Certificate of Merit**
Chad Connery (2012 – 2013)
Joshua Adria (2013 – 2014)

**Bill Allen Scholarship in
Architecture
Travel**
Chelsea Grant (2012 – 2013)
Meaghan Juliana Kusk
(2013 – 2014)

Research
Joshua Adria (2012 – 2013)
Caroline Inglis (2013 – 2014)

**Canadian Masonry Research
Institute Scholarship**
Sylvia Sieminska

**Cibinel Design Achievement
Award**
Kyle Wires-Munro

**Harry Seidler And John
Russell Recruitment Award In
Architecture**
Kailey Kroeker

**Leonard C. Klingbell
Scholarship in Architecture**
Lee Halwa

**Manitoba Association Of
Architects Medal**
Jeff Del Buono

**Mel P. Michener Architectural
Fellowship**
Chris Burke

**Norman Ripley Memorial
Scholarship**
Gordon Yiu

**Northern Sky Architecture
Award For Environmental
Stewardship**
Shelby Brisbin

**Royal Architecture Institute of
Canada Honour Roll
2012 – 2013**

Henry Tufts
Paul Dolick
Matthew Trendota
Olivia Fung
2013 – 2014

Bree Bergen
Brent Bell
Steven Gairns
Kyle Janzen

**Royal Architecture Institute of
Canada Student Medal**
Chad Connery (2012 – 2013)
Christopher Knight (2013 –
2014)

**Randy Gilbert Memorial
Scholarship**
Kailey Kroeker

**Stantec Architecture
Fellowship**
Rei Kurosawa

**William E. Sheets Scholarship
In Architecture**
Tina Gigliotti

DEPARTMENT OF CITY PLANNING

**Canadian Institute of Planners
Student Award for Academic
Excellence**
Carole O'Brien (2013 – 2014)
Christopher Larson
(2012 – 2013)

**City Planning Jubilee
Scholarship**
Madeline Koch

**Dean David Witty Urban
Design Scholarship**
Jeana Klassen
Keke Wang

MPPI Best MDP Award
Krysti Horton
Tacit Knowledge Transfer:
Planners Learning from One
Another about Climate Change
Adaptation
Advisor: Dr. Ian Wight

Second Place
Christopher Larson
Integrating Outdoor
Recreation and Planning: An
Integrally Informed Analysis
of the Revelstoke, BC Bicycle
Network
Advisor; Dr David van Vliet

Special Commendations
Jonathan Hildebrand
'Our Place, Our Home':
Indigenous Planning, Urban
Space, and Decolonization in
Winnipeg, MB
Advisor: Dr. Ian Skelton
Scott McCullough
Energy Planning for
Greenhouse Gas Emissions
Reduction: Possibilities and
Challenges for Canadian
Municipalities
Advisor: Dr. Sheri Blake

**MPPI Case-In-Point
Excellence Awards
Grand Award**

Jillian Geen (in collaboration
with Kate Thompson Architect,
Director of Development)
Planning for City Building:
Calgary Municipal Land
Corporation
Using Public-Private
Collaboration to bring
Life Back to an Inner-City
Neighbourhood

Special Commendation

Dylan Harris (in collaboration
with Kevin Nixon, City of
Winnipeg)
Planning for Cycling:
Integration and Innovation:
Winnipeg's Pembina Highway
Cycle Track

Honourable Mention

Ryan Gilmore (in collaboration
with Dave Palubski FCIP and
David Marsh MCIP)
Implementing 'Complete
Communities' Collaboratively:
Lessons Learned from
Winnipeg's Waterford Green

Mayor's Medal
Johanna Washchysn

**Thomas B. Yauk MPPI
Scholarship**
Erika Blackie
Lise Gibbons



DEPARTMENT OF
INTERIOR DESIGN

Jean M. Pearen Scholarship
Laurianne Parent

Joan Harland Scholarship
Theo Rutherford

PIDIM Thesis/Practicum Prize
Clifford Goodwill

**Professional Interior Designers
Institute of Manitoba Medal**
Tamara Nyysola (2012 – 2013)
Jessica Kost (2013 – 2014)

**Roy C. Rettinger Graduate
Scholarship For Interior Design**
Carla Peinaar
Umidjon Abdullaev
Stephanie Prouse
Jaymie Borchardt
Maria Thom
Jason Shields

**Stantec Interior Design
Fellowship**
Suzanne Therrien-Richards

**Steelcase Prize for Design
Excellence**
Clarice To (2012 – 2013)
Kaley Lawrence (2013 – 2014)

**Tamera Kucey Memorial
Scholarship**
Jason Shields

**Teknion/Global (IDCF)
Fellowship**
Karen Cash
Rebecca Moyal

DEPARTMENT OF
LANDSCAPE ARCHITECTURE

**Alexander E. Rattray
Scholarship in Landscape
Architecture**
Neha Penta

Barkman Concrete Scholarship
Saira Abdulrehman
Xuan He
Adam Watson
Trevor Grafton
Kaeley Gould
Kevin Handkamer
Pearl Yip

**Carl R. Nelson Travelling
Fellowship in Landscape
Architecture**
Carmela D. Bul-lalayao

**Charles H. Thomsen
Scholarship**
Kevin Handkamer (2012 –
2013)
Marie Carey (2013 – 2014)

CSLA Student Award of Merit
Shawn Stankewich

**Department of Landscape
Architecture Graduate
Fellowship**
Blaise Lachiver

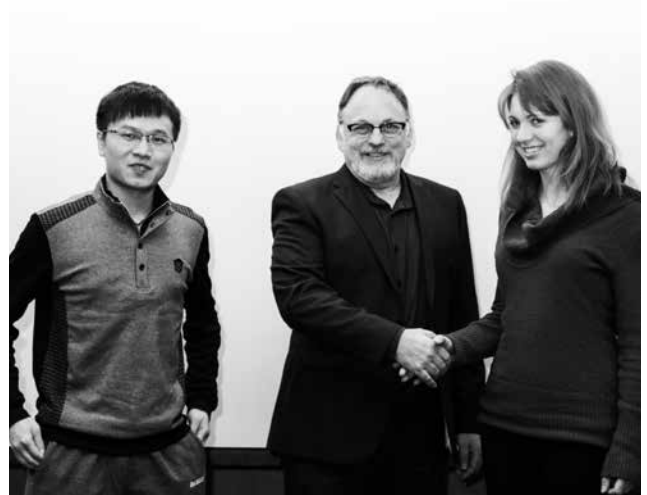
**Landscape Architecture
Entrance Scholarship**
Stephanie Kirkland

**Landscape Architecture
Thesis/ Practicum Prize**
Chelsea Synnychych

**MALA (Manitoba Association
Of Landscape Architects)
Medal**
Marie Levesque (2012 – 2013)
Taylor LaRocque (2013 –
2014)

**MALA (Manitoba Association
Of Landscape Architects)
Fellowship**
Blaise Lachiver
Marie Carey

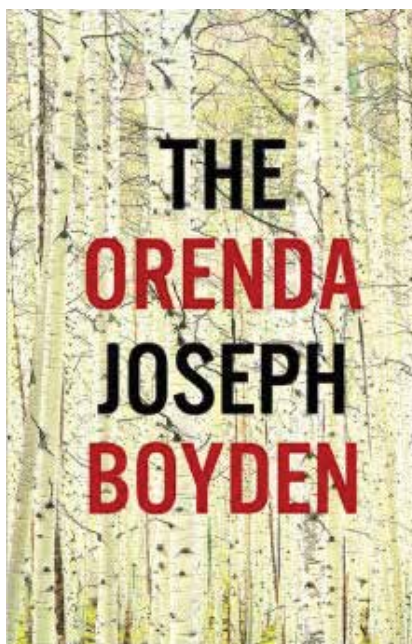
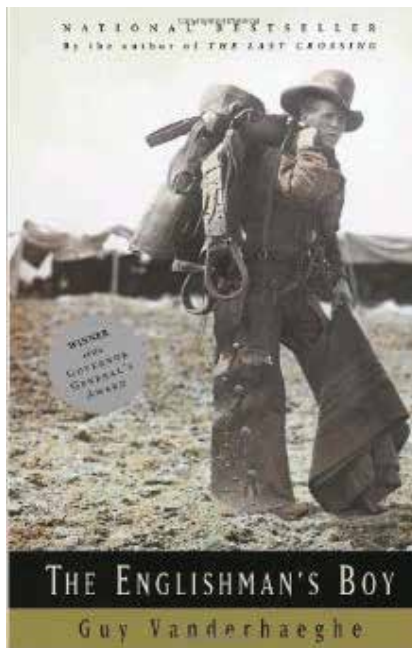
University Olmsted Scholar
Taylor LaRocque



Photos by Kathryn Strachan

Recommended Reading

We asked the Heads of the departments to recommend a book that inspired them in the last year. If you are looking for a good read this is a great place to start.



Far Left: *The Englishman's Boy* by Guy Vanderhaeghe
Right: *Emmet Gowin* by Keith Davis, Emmet Gowin & Carlos Gollonet
Bottom: *The Orenda* by Joseph Boyden
Photos from: amazon.ca

Landscape Fictions

Assorted works by: Laurie Olin, Candace Savage, Wallace Stegner & Guy Vanderhaeghe

Karen Wilson-Baptist

Associate Professor and Acting Head
Department of Landscape Architecture

We are motoring up the sun-soaked slopes of the Cypress Hills formation. After a long morning spent driving upon gravel roads through the emerald undulating plains of south-western Saskatchewan, the sharp vertical rise through a forest dominated by the columnar Lodgepole pine (*Pinus contorta*), and the spring foliage of the Aspen poplar (*Populus tremuloides*) fills me with excitement. The road switches back sharply, again and again, as we climb higher into the formation. The dappled effect of the aspen leaves fills the truck cab with dancing light. The landscape drops swiftly away from the narrow asphalt edge with views into the undergrowth obscured by dark shadows. Later, camped aside the frigid waters of Battle Creek, I read of a parallel journey – of a company of American wolfers, rough men who baited wolves with poison to obtain pelts, riding through the uplands on their way to the Power Trading Company post. The year is 1873 and the men are bent on revenge. Two young Assiniboine warriors have spirited their horses away, and the wolfers believe the trail goes north, traversing the porous boundary between Canada and Montana. The west has yet to be won, and Sir John A. MacDonald's dream of a confederated Canada has little credence in this wild frontier. The men spend a long cold night camped in the mosquito saturated woodlands, the stench of their unwashed flesh taints the crisp forest air. Amongst their ranks travels a lanky young lad, known as the Englishman's boy.

The company of wolfers eventually makes their way to the trading post of Abe Farwell, where they find food, shelter and drink – much drink. Following a dispute about yet another missing horse, the wolfers advance upon an encampment of Nakoda peoples, opening fire and killing at least 23 people. When word of the slaughter reached Ottawa, John A. MacDonald uses the event as the impetus to form the North West Mounted police, and dispatches the “red coats” to establish Canadian sovereignty

in the western frontier. Through the finely crafted words of Guy Vanderhaeghe, Candace Savage and Wallace Stegner, I read of the Cypress Hills Massacre. Each come to the story in a very different way, Vanderhaeghe in two intertwining narratives, Savage, through a journey, and Stegner as a memoir. I learn of the wanton slaughter of the buffalo, part of a deliberate act of government, designed to starve the “Indian” into submission, of the hard scrabble life of a small boy on a vast prairie, of the diplomacy of John Morrow Walsh at Fort Walsh, who sheltered Sitting Bull and his people after Little Big Horn, and I realize that the empty rangelands that surround me were not always so barren.

I stand on the precipice of strange conglomerate cliffs, surrounded by the splendid flora of the prairie spring; the crocuses are spent but the downy seedheads sparkle in the prairie sunshine. My eyes are drawn down, following the soft folds of the glacial river valley below. The veils of time and circumstance open and I gaze now upon Savage's “geography of blood,” a landscape soaked crimson with the spilt blood of millions of extirpated bison, scattered with the bones of the last plains grizzly bears, and the spectral presence of a people systematically sickened and starved into enslavement. I think of a Scotsman who built a stone dam across a fold in the arid hills, believing, as in the highlands that were once his home before the clearances, that the rains would come and provide water for his family and livestock. The bones of many settlers lie undisturbed beneath this cairn of sweeping grasses. In design, we all too often insert our “interventions” into what we believe to be neutral ground. The vivid tales of Savage, Stegner and Vanderhaeghe remind us that the landscape is a storied place, and that the moves we make as landscape architects fall upon contested terrain. Through our work we tell fictions in build form. The texts we omit or include are there by design.

In landscape architecture we make reference to the genius loci, or spirit of place. “No site is a blank slate,” the distinguished practitioner, Laurie Olin (1997) has remarked, “There is always something there – a memory, a trace, a hint of context of the greater world and all its machinations.” (p. 119) Like its kin, the pathetic fallacy, the

genius loci is something that we, as sensing, feeling beings, bring to a site. I do not mean this in a pejorative sense, as the linking of emotions with landscape often evokes, but rather in the true etymological sense of the word pathos – that which allows us to find kinship and empathy with landscape.

Olin, L. (1997). *Landscape design and nature*. In G.F. Thompson & F.R. Steiner (Eds.), *Ecological design and planning* (pp. 109-139). New York: John Wiley & Sons.

Savage, C. (2012). *A geography of blood: Unearthing memory from a prairie landscape*. Vancouver/Toronto/Berkely: Greystone Books.

Savage, C. (2004). *Prairie: A natural history* (2011 ed.). Vancouver/Toronto/Berkeley: Greystone Books.

Stegner, W. (1962). *Wolf willow* (2012 ed.). New York: Penguin.

Vanderhaeghe, G. (1996). *The Englishman's boy*. Toronto: McClelland & Stewart

What Have You Read This Year?

Assorted works by: Keith Davis, Emmet Gowin, Carlos Gollonet, Gabriel Hemery, Sarah Simblett & Kevin Bone

Marcella Eaton

Chair of the Environmental Design Program

Edited by Bone, Kevin. *Lessons from Modernism Environmental Design Strategies in Architecture 1925-1970, (New York: The Monacelli Press, 2014)*

Kevin Bone is the Director of The Cooper Union Institute for Sustainable Design and this text is a result of his and others' research and an exhibition. It includes a collection of essays by Bone, David Rifkind, Daniel A. Barber, Carl Stein, Alan Berman and Michael Ben-Eli. Twenty-five works of architecture are examined in chronological order beginning with LeCorbusier and Pierre Jeanneret (New Dwellings for Bordeaux) in 1925 and ending with Constantinos Decavallas (Vacation House on Aegina) in 1970. The book reminds readers that “the modernist project pursued structural innovation. Engineering and building construction methods aspired to maximize efficiency and minimize the use of materials. Site-design strategies sought to promote integration with the setting, to embrace

the natural surroundings, limit disturbance of natural landscapes, and reintroduce green ways and natural landscape into urban environment. All are informed by the climates of a given site and most profoundly, all respect the universal and elemental relationship of the architecture to the daily and annual patterns of the sun.” (p. 13) Each project has plans with primary solar paths and corresponding sections (invaluable lessons for students), white models of the projects (which unfortunately treat them as isolated objects), photographs and other drawings. This book is an important addition to an understanding of modernism – “... this environmental history recovers a neglected current of environmental sensibility coursing through modern architecture.” (p. 27)

Hemery, Gabriel & Sarah Simblet. *The New Sylva A Discourse of Forest & Orchard Trees for the Twenty-First Century*, (London: Bloomsbury, 2014)

John Evelyn wrote Sylva in 1662 (as a paper presentation) then published 1664 *On a Discourse of Forest-Trees, and the Propagation of Timber in His Majesty's Dominions*. It has been held as one of the most influential texts on forestry. Evelyn urged landowners to plant trees as much of England had been denuded of trees to support military action. Hemery and Simblet wrote this book to celebrate Evelyn's work but also to reiterate his message. They believe that the importance of trees is misunderstood due to negative associations with forestry. “Trees are intertwined with humanity. They support the cradle of civilisation and frame all of our lives. We know that there could be no life on Earth without them, but in our actions we often overlook their value.” (p. 7) Simblet completed all of the illustrations in ink and from direct observation. This book is fascinating reading both as a history of Evelyn, forestry, our use of wood, and as a useful manual for growing and understanding trees. It ends with a sober discussion on ‘futurologists’ and climate change. We need trees to live. Anyone interested in understanding the built environment should read this book.

Davis, Keith, Emmet Gowin, Carlos Gollonet. *Emmet Gowin*, (New York: Aperture, 2013)

Emmet Gowin is an American photographer who was highly influenced by Harry Callahan. This book is a collection of his photographs, which range from a series of images of his partner (like Callahan's work) and family members, to designed and natural landscapes, and to landscapes affected by environmental devastation and industry. Gowin's writing within the book is as direct and rich as his photography. This is a beautiful book that I return to regularly to read and study.

Recommended Reading

The Orenda by Joseph Boyden

Terri Fuglem

Acting Department Head and Associate Professor

In a year that has entailed the preparation of two major reports (the Graduate Program Review and the Accreditation APR report), the Department Head has been constrained to reading a great deal of statistical analysis, various reports and course outlines from the past six years. However, I can speak to one book given to me by a colleague in the Department – *The Orenda* by Joseph Boyden. This is an astonishing historical fiction from the early days of European encroachment on the North American continent offered through the episodic narratives of three disparate characters whose lives intersect: a Huron (Wendat) warrior, their captive, an Iroquois (Haudenosaunee) girl, and a Jesuit missionary priest (a character based largely on Jean de Brébeuf). The events of the story take place in what is now Ontario, in particular Georgian Bay, and Quebec City. It draws into stark relief, without judgment, the disparity between the value systems of Europeans and indigenous peoples.

It may appear odd that an architectural educator might focus on an historical novel. But the themes seem entirely relevant to foundations, both psychological and territorial, of our place. Canada has always been “weak” on narrative, which is both a virtue and a bane. We struggle to pride

ourselves on mythologies of “two founding nations” and “multiculturalism” as well as stories of survivalism and notions of our frozen north. “Where is here” is both geographical and a matter of (mind) where one can locate one's place in a story. In this respect, Boyden's portrayal of the priest is most interesting. The “Crow,” as the Huron dub the priest, is conveyed as having a painful awareness of the acute moral dilemma that in his mission to save souls he is the instrument of imperialist aggression. Territorial conquest, we learn, begins with the mind and soul, not merely geography.

Catholicism adopted the universalism that it inherited from Roman imperialism; it is a version of early globalism. As with the Roman Empire, it excels in syncretism. And of the Catholics, the Jesuits were the most skilled understudies of foreign cultures and tongues in the remote and dangerous corners of the globe. The Crow is a determined practitioner of Jesuit propaganda fide, of the ability to find mythological equivalences across wildly disparate peoples and epochs. The priest is able to weave a narrative acceptable to the Wendat and eventually the Haudenosaunee. As the scourge of small pox ravages the indigenous populations, their resistance to the new and, to them, illogical, Jesuit narrative weakens.

In today's globalist world, with the advent of new technologies, ideas that colonize our minds spread fast. As *The Orenda* shows, this phenomenon is hardly new, but it is accelerated. We are all subjects of this trend. For architects, this poses opportunities, albeit dangerous ones. Globalism is aided and abetted by new finance tools, which commodify the value of land, exploit narratives and images, and turn the construction sector of the economy into an economic driver. This can open up the world for architects, but for the majority of projects it drives down quality and erodes the identity of place. Perhaps a reevaluation of aboriginal sensitivities toward the land would be most appropriate here. ■

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Barkman Concrete Ltd.
Alan Barkman

Bockstael Construction Limited
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Dialog
Stephen Boyd

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LM Architectural Group
Terry Danelley

Manitoba Hydro
Tom Akerstream

McGowan Russell
Susan Russell

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