

NETWORK

University of Manitoba | Faculty of Architecture | Annual Faculty Newsletter | September 2007



J. A. Russell Building Preserved

Completed in 1958, the John A. Russell Building for the Faculty of Architecture at the University of Manitoba, represented the modernist ideology of its progressive dean for whom the building is named. An iconic example of the Modern Movement, and influenced by the work of Mies Van de Rohe and others, the building was originally designed by the firm of Smith Carter Katelnikoff Architects, with James Donahue, the principal designer.

While having the appearance of a curtain wall exterior cladding system, the original design was in reality a hybrid of early curtain wall technology and wood frame construction, assembled to appear

like curtain wall. While highly innovative, the unique cladding system deteriorated over time, necessitating its complete removal and replacement.

LM Architectural Group as prime consultant with Crosier Kilgour and Partners as the building envelope consultant were retained in 2003 to undertake the project. After an extensive analysis of the existing wall system and components it was determined by the consultants that, with the exception of some minor architectural elements, none of the original construction could be salvaged. Recognizing the historic value of the original design, a preservation approach was taken in the restoration of the building. This necessitated a coordinated effort by the design team working in close collaboration with the client to resolve the technical deficiencies while maintaining the integrity of the original design. Computer modelling and the use of full scale mock-ups figured

heavily in the design and the selection of cladding materials and in the refinement of details.

The building envelope project was completed and re-dedicated in 2006. With the restoration of the courtyard to its original design, scheduled for completion in the summer of 2008, the Russell Building will be ready to inspire another generation of students with its elegant simplicity and timeless beauty.

Founded over 50 years ago, LM Architectural Group <www.lm-architects.com> and its interior design division, Environmental Space Planning <www.espintdesigners.com> have been involved in many award-winning projects in Winnipeg – some of which were recently highlighted in an exhibit of Modernist Architecture at the Winnipeg Art Gallery. More recently, LM took second place at the International Design Competition for the redesign of Portage and Main where

a jury member commented, “this was the best of the urban spectacle projects that we saw [out of the 70 submissions]”. LM’s joint venture with Patkau Architects on the Millennium Library has won four major Canadian architecture awards.

Sustainable Design is not just a marketing tool for LM Architectural Group — their offices are located in Winnipeg’s historic East Exchange District in what was once a former warehouse space — some of their staff have been known to skateboard and canoe to work! Twenty-five percent of their staff are LEED accredited professionals and, they have health-care, corporate, and civic projects slated for either Gold or Silver LEED certification.

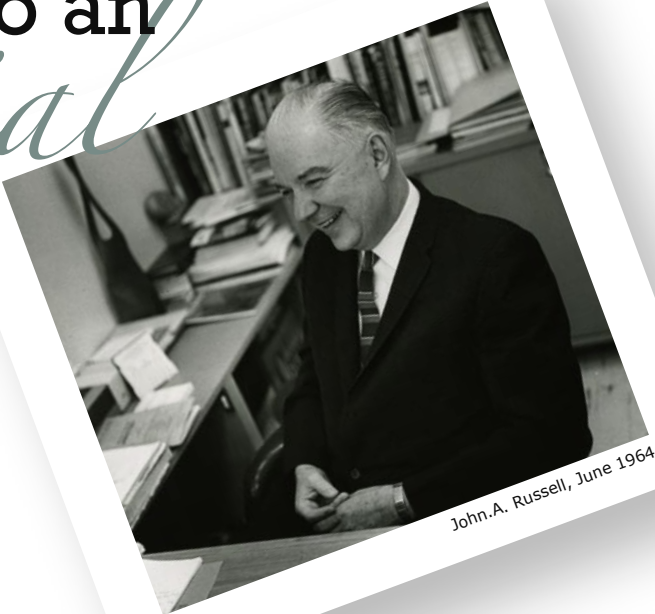
Terry Danelley of LM Architectural Group is a member of the Partners Program. ■



Paying Tribute to an Influential Dean

A man of integrity, leadership, and vision, former dean of Architecture, John A. Russell, was instrumental in establishing the first “stand alone” School of Architecture in Canada which evolved into the only multidisciplinary design school in this country.

A dean for only two years before his death in 1966, Dean Russell left an indelible mark on the University of Manitoba through his 38 years of teaching – 20 of which were spent heading up the architec-



ture program before becoming the Faculty of Architecture’s first dean in 1964.

Trained in the Beaux Arts tradition, Dean Russell went on to lead a school celebrated for its promotion of the Modern style. In addition, Dean Russell believed firmly that being an architect involved a certain responsibility and service to the community – finding innovative solutions to common environmental problems and

working towards sustainable community development. His work and leadership in architecture, architectural education and the performing arts was, and continues to be, inspiring.

To recognize his vital contribution to the faculty, the Architecture Building was formally named the J.A. Russell Building in 1967. After an extensive building rehabilitation, it was reopened and rededicated in September 2006. This building, and the cultural institution to which he gave his all, are still of the highest quality and bear witness to his achievements.

Dean Russell’s example has also been honoured through the creation of the John A. Russell Alumni Bursaries in

1963. Since then, the Faculty of Architecture has annually awarded approximately \$350 each to motivated students in all five programs of study – Environmental Design, Architecture, City Planning, Interior Design and Landscape Architecture. For today’s students, however, this is the equivalent of funding only one half-course in a full year of study. In order to more accurately reflect Dean Russell’s huge impact on the Faculty, we would like to increase the amount in the fund to at least \$250,000 which would allow the Faculty to offer substantially higher annual awards in Dean Russell’s name.

With your help, we can reach our goal of \$250,000, allowing the Faculty of Architecture to offer either five annual awards of at least \$2,000 each, or a greater number of annual awards of \$1,000 each.

Dean Russell was a community leader, who was intensely dedicated to architectural education and the students and staff in the Faculty of Architecture. For nearly 40 years, Dean Russell poured his heart and soul into the faculty and the university. To honour his legacy, we invite you to consider a financial contribution to help build the John A. Russell Alumni Bursaries. Together, we can ensure Russell’s spirit will live on through future generations.

For more information please contact:
Douglas Clark, FCSLA, MCIP
Executive Director, Partners Program
t 204.474.6801 f 204.474.7533
clarkd@cc.umanitoba.ca ■



UNIVERSITY
OF MANITOBA

Faculty of
Architecture

From the Dean's Desk

This has been a period of renewal for the Faculty. Following a year of curtain wall replacement and other upgrades, including replacement of the foundation and a new network system, we are well settled back in the J. A. Russell Building. The investment of \$5.2 million, funded through the Province of Manitoba's venture in campus infrastructure improvements, has resulted in a wonderful 'new' space (designed by graduates at LM Architectural Group) that replicates and complements the original Russell Building design.



view of the courtyard in its current condition

The completion of the courtyard, which was impacted due to foundation work, was outside of the curtain wall mandate. In an effort to address that shortfall, the Class of 1964, led by retired Professor Faye Hellner, organised a fund-raising campaign. I am pleased to report that Dr. Robert Leadingham (awarded an honorary doctorate in fall 2006) has donated \$110,000 to complete the design and landscaping of the Russell Courtyard. Design work, undertaken by former graduates at Hilderman Thomas Frank Cram Landscape Architecture and Planning, is well underway.



work is almost complete on Curry Place in between the Nursing and Russell Buildings (June 19, 2007)

As I look out my window in 201 Russell, I am also able to see the transformation of Curry Place into a wonderfully designed and refurbished outdoor space (designed by graduates at Scatliff + Miller + Murray) that sets JAR within an elegantly textured and structured space.

In addition to these physical improvements, the Faculty has been completing a reform of the undergraduate Environmental Design Program. This major reform process involves the streamlining of offerings, creation of a four-year ED Program, streaming into four options (architecture, interior environments, interdisciplinary studies, and landscape + urbanism) in the third year so that students have the opportunity to spend two years 'specialising' in a particular area. Three of the four options will have discipline-related requirements, while the fourth, interdisciplinary studies, will be non-discipline-based and will be oriented to a broad selection of environmentally focused studies in collaboration with other Faculties.

Much work is still required to gain approval from University Senate, Government and Administration. However, it is our belief that a reform of ED is essential to address the increased interest in the Faculty and society's desire to explore (in the words of Bruce Mau) the design of the world.

At the same time, the Faculty has developed a proposed Aboriginal Design and Planning degree to complement the ED reform and situate itself in parallel to ED. This new degree has received significant support from Manitoba's First Nations and Métis communities. It too must continue to move through internal approval processes. With both of these proposals, the Faculty hopes to grow the undergraduate program and expand our capacity to accept qualified students, many of whom we currently turn away due to lack of resources.

On another front, the Faculty continues to reach out to the various communities that exist in the region and beyond. In other space in NETWORK, you will find some interesting discussions about the

work of faculty and students in Winnipeg and Turkey. The Faculty believes strongly in the importance of these outreach initiatives and applauds faculty, such as Professor Kelley Beaverford, for spearheading such activities.

I had the privilege of visiting the Turkey studio and seeing first-hand how faculty and students are able to work closely with a rural village and design and build an important amenity for the community. Perhaps one of the best outcomes is the chance for students to live with the villagers for one month and experience their life in the fullest.



l to r: Dean David Witty (in red), Professor Kelley Beaverford, architecture graduate student Joe Kaltornyk and locals review plans for the tea house

We continue to explore and develop a strategic approach to international exchange agreements that facilitate the movement of students (and potentially faculty) between institutions, such as Chongqing University in China, Istanbul Technical University, universities in New Zealand and Australia, and South America. Those initiatives build upon existing relationships in Europe.

We continue to celebrate the achievements of faculty, students and administration staff. All contribute to this special community we call the Faculty of Architecture. I invite you to explore NETWORK to discover the depth and breadth of our scholarship and award-winning work. We are proud to be part of Dean Russell's legacy. If you are interested in contributing to his legacy, please see the description of the fundraising initiative on the first page with this NETWORK.

David R. Witty

David R. Witty, Ph.D., MRAIC, FCIP
Dean, Faculty of Architecture ■

Allan Waisman Lecture

The inaugural Allan Waisman Lecture was very successfully launched in October 2006 with a stimulating and challenging presentation by Peter Busby of Perkins Will+Busby. To a standing room only audience in Centre Space, Mr. Busby presented a compelling argument for a fresh approach to design that embodies the holistic notions of ecology. He noted that the current path of development, consumerism and design was headed to a dead-end unless the design professions respond with resiliency and vigour.

The Allan Waisman Lecture is endowed as the result of Allan Waisman's significant financial contribution to the Faculty. Mr. Waisman is a distinguished graduate of the Department of Architecture. He was a principal in the establishment of Number 10, Waisman Dewar Carter Grout and Architectura. His practice has been international in scope with projects such as the new Vancouver International Airport, and was the largest in Western Canada before being acquired by Stantec Architecture & Engineering.

The Lecture will occur annually and will focus upon an environmental design theme. ■



Peter Busby speaking at the Faculty in October 2006



local children and Faculty of Architecture students at the partially built Teahouse in Turkey (photo: Vanessa Aleshka)

Partners Program

by Douglas Clark, Executive Director

Everyone reading this publication has a vested interest in design, even if you have never crossed the threshold of the Faculty of Architecture building or studied or worked professionally as a designer.

The physical creation of space and objects permeates every aspect of our daily life. Design changes the way we see the world and the way we move and work within it. Increasingly it is understood by business and industrial leaders that good design is also good business. In the latest round of debate it is certainly understood that today good design that is also “green” is not only better for business but necessary for our survival.

Universities have always been entrusted with the pedagogical training of pre-professional students. Formal education must, however, be supported by travel, exposure to contemporary attitudes and solutions and integration with business and practice. As a result of this discussion, the Faculty of Architecture, at a retreat in June 1993, enthusiastically endorsed a proposal to create the Partners Program.

By the very nature of its title, the Partners Program was intended to ensure a strong and vital link with the Faculty of Architecture staff and students both outside of the Faculty of Architecture and with the world outside of the University. Partnership was obtained through membership subscriptions, involvement with the school and the reciprocal dialogue that would lead to research, job and internship opportunities.

Today, over thirty key business leaders contribute time and resources in furthering the goals and objectives of the Faculty. In December, 2006 we celebrated and recognized the contribution made by the following in sustaining the Partners Program for over ten consecutive years:

- BP Products** Richard Rosenblat, Linton Mounk
- Smith Carter Partners** Jim Orzechowski, Jim Yamashita, Esther Patzia
- Hilderman Thomas Frank Cram** Garry Hilderman, Heather Cram
- Lewis Communication** Jim Lewis
- E.H. Price Ltd.** Gerry Price
- Palliser Furniture/EQ3** Art DeFehr, Loreen Epp, Paul Hiebert, Peter Tielman



Jim August of North Portage Development Corporation, Chair, Partners Program

Since the inception of the Partners Program, we been very fortunate to have had three key individuals volunteer their time and expertise in the capacity as Chair:

- Gerry Price** 1993 - 2002
- Jim Yamashita** 2002 - 2007
- Jim August** 2007 - Present

Management of the Program has been carried out by a number of key personnel and support staff:

- Professor Faye Hellner** Executive Director 1993 - 2004 (support: Susan Shanley and others)
- Joan Blight** Associate Executive Director 2000 - 2001
- Susan Shanley** Program Co-ordinator 2003 - 2006 (support: Kristina Nordstrom and others)
- Douglas Clark** Executive Director 2006 - Present (support: Shelly Goodacre)

Faculty of Architecture at a Glance

History

The University of Manitoba was established in 1877, as the first University in Western Canada.

The teaching of Architecture was initially instituted in 1913 when the University of Manitoba offered a four-year Bachelor degree through the Faculty of Arts.

1920 the degree was offered through the newly created Faculty of Engineering and Architecture

1933 Master of Science degree in Architecture

1938 three-year diploma offered in interior decoration was instituted

1948 the entire school was reorganized under the “School of Architecture” and provided:

- five-year Bachelor of Architecture degree
- four-year Bachelor of Interior Design (the first Bachelor of Interior Design program in Canada)

1949 one-year graduate program in Community Planning was created for graduates in Architecture and Engineering (Canada’s longest continuing degree granting program in City Planning)

1957 approval granted for the development of Canada’s first exclusive dedicated building for the study of architecture

1959 ribbon cutting to officially open the John A. Russell Building

1963 The school was re-organized as the “Faculty of Architecture” and provided:

- five-year Bachelor of Architecture degree
- four-year Bachelor of Interior Design degree
- two-year postgraduate degree in Community Planning

1966 introduction of Bachelor of Environmental Studies, followed by a three-year Bachelor of Architecture degree

1970 program was changed to introduce a three-year Master of Architecture degree

1972 first Graduate level degree (three-year) in Landscape Architecture introduced

1992 Environmental Studies program becomes Environmental Design

2002 Master of Interior Design degree implemented and Bachelor of Interior Design discontinued

2007 introduction of PhD Program in Planning & Design

The Faculty of Architecture has had many “firsts” and continues to lead in the development of curriculum advancement as well as awards and recognition achieved by students and academic staff.

Mission

To provide a formal funding and communication vehicle between the Faculty of Architecture and constituents served by the Faculty (industry, design professionals, students and community at large) so that the direction taken by the Faculty serves the long-term interests of all constituents.

Mandate

Relevant Graduates

The Partners Program will promote communications between professionals, industry, educators and students to ensure that students within the Faculty of Architecture receive an excellent professional education rich in theoretical and technical skills.

Community Outreach

The Partners program will match resources in the Faculty of Architecture with opportunities and needs in the community. By so doing the Faculty of Architecture will be making a net contribution to the community and the value of good design and planning will become more evident to the public at large.

Research and Development

The Partners Program will find opportunities where our resources and activities can be effective in the public and private sectors.

Public Relations

The Partners Program will feature examples of professional, academic, student and research work in the press and other media

Over 5800 Graduates

Students 2006-2007

Undergraduate	316
Environmental Design 1	(105)
Environmental Design 2	(100)
Environmental Design 3	(111)

Graduate	281
Architecture	(122)
City Planning	(65)
Interior Design	(34)
Landscape Architecture	(60)

Academic Staff	90
Full Time	(34)
Adjunct	(23)
Contract and Sessional	(33)

Annual Scholarships and Bursaries

Scholarships	approx. \$123,000
Bursaries	approx. \$78,000

During the regular school term, which runs from September until April, over 700 people are actively involved in the exploration, research and presentation

of solutions to deal with every conceivable aspect of living. This innovative and often award-winning work is generated in one of over forty studios which form the nucleus of the Faculty graduate and undergraduate curricula.

This past year, the Partners Program assisted in hosting an Open House featuring the work of Interior Design Students, which was held April 19 at the Union Bank Building, 191 Lombard, and the first annual Department of Architecture Open House, which was hosted at the John A. Russell building on April 26.

Whether you are in business, industry or practice, the Partners Program invites your input and invites you to join and participate in this unique collaboration.

For more information contact:
Douglas Clark, FCSLA, MCIP
Executive Director, Partners Program
t 204.474.6801 **f** 204.474.7533
clarkd@cc.umanitoba.ca ■



Class of '57 Homecoming Reunion

The Partners Program plays a key role in maintaining a link with Faculty graduates. On September 14, 2007 graduates from 1957 met for lunch at Centre Space in the J. A. Russell Building.

- Back Row** Ron Lane-Smith (B Arch 1957), Professor Ted McLachlan (Head, Landscape Architecture), Les Stechesen (B Arch 1957), Dr. Ian Wight (Head, City Planning), Norm Metz (B Arch 1957, M Arch CP 1958), Dr. David Witty (Dean, Faculty of Architecture), Sandra Scarth, Dave Scarth (B Arch 1957), Jim Donoghue, Professor Grant Marshall (BID 1955)
- Middle Row** Chuck Herman (BID 1954, B Arch 1957), Dale Robinette, Professor Joan Harland (B Arch 1938), Audrey Rose, Jim Rose (B Arch 1958), Elspeth Cameron (BID 1957), Dr. Richard Perron (Associate Dean)
- Front Row** Sheila Herman, Bill Neish (B Arch 1957), Sheilagh Dobbyn (BID 1957), Alice Webster (BID 1957), Stan Osaka (B Arch 1957 M Arch CP 1958), Marilyn Donoghue (BID 1957), Don Lehrer (B Arch 1957), Joyce Lehrer
- Missing from photo** Barbara Livingstone (BID 1957)



Engineering Information Technology Centre (EITC) at University of Manitoba

Stantec Architecture

OUR PARTNERS

Stantec Architecture Ltd. provided architectural and interior design services for the renovation and expansion of the Faculty of Engineering facilities, and the creation of new facilities for the Department of Computer Science at the University of Manitoba. This 41,800 m² project involves the renovation of two existing engineering buildings, demo-

lition and replacement of another building, and linking of all three buildings around a central atrium. The atrium provides a gathering space and central “heart” to these faculties, as well as a shared assembly space for socializing within this educational environment.

The design approach capitalizes on the opportunity for the building to be a demonstration project for students and the public, highlighting and integrating

architectural design, structural, mechanical and electrical engineering systems, as well as universal design, and progressive sustainable design principles.

Founded in 1954, Stantec is one of North America’s leading sustainable design firms. With nearly 300 LEED®-accredited professionals and a portfolio of hundreds of sustainable projects, ‘green’ practices are applied to all aspects of the business. The company’s commitment is to meet the needs of the present, while contributing to an environmentally sustainable future.

Stantec believes in an integrated approach to environmentally-conscious design, one that involves all of their professional disciplines. They provide sustainable design and consulting services in planning, architecture, engineering, surveying, and project management. At Stantec, sustainable design is responsible design that balances economic, social, and environmental values, which together constitute the cornerstone of their vision.

Leading by example, the firm’s employees are also strong proponents of green building. Kevin Hydes is Vice President of Buildings Engineering and sector leader of sustainable design at Stantec. Kevin is also founder and director of the Canada Green Building Council. In May 2007, he was appointed Chair, World Green Building Council.

John C. Petersmeyer FRAIC of Stantec Architecture is a member of the Partners Program. ■



atrium (west view) showing integration of new and existing building elements, and grand staircase connecting to the University's below-grade pedestrian street system



atrium (east view) highlighting the careful articulation of the new EITC Building with the original 1914 Engineering Building



Manitoba Hydro Downtown Office under construction in Winnipeg

PCL Constructors Canada Inc.

In 1906, an enterprising Ernie Poole started what has become one of the largest contracting organizations in North America today: the PCL family of companies. A century of building prairie school houses, large health institutions, entire towns, majestic bridges, magnificent skyscrapers, complex industrial parks, shopping malls and more.

Manitoba Hydro Downtown Office, current project

The Project is a 21-floor office tower with a three-storey podium and one level of underground parking. There is also a two-storey mechanical penthouse.

This project is pursuing a LEED Gold Certification.

The building features in-floor heating, double wall curtain wall system, solar chimney, geothermal wells and a green roof.

The project is scheduled to be completed in early 2008.

Recent award-winning Winnipeg District Project completions include:

Engineering Information Technology Centre (EITC), University of Manitoba, completed in the fall of 2006

The project included the construction of a new 1250 m² building and the 930 m² renovations to the existing facilities, some of which were built in 1914. The new and existing buildings are now connected and serve as one complex.



Skateboard Plaza at The Forks, Winnipeg

Skateboard Plaza at The Forks, completed June 2006

The design is a 3,700 m² skatepark consisting of a 1,100 m² bowl area and a 2,600 m² plaza. The park contains one of nearly every type of skatepark feature, including an inverted cradle and skateable sculptures, stairs and planters. Finishes include coloured, stamped and ground concrete, protective granite capping and steel nosing as well as stone and masonry accents. Landscaping within and around the park are extensive to blend the park with the surrounding Forks environment.

Up and Coming

We are thrilled to have been working with the Friends of the Canadian Museum for Human Rights and we look forward to the opening in the near future.

Kevin Skinner of PCL Constructors Canada is a member of the Partners Program. ■



back view of the new Winnipeg Humane Society's building

Number TEN drives activity in Winnipeg and Vancouver Island

When the new Winnipeg Humane Society opens its doors in the fall, amid the wagging tails, there'll be plenty of excitement that comes with unveiling a vital new and engaging community facility. But beyond feting the opening of a new building, Number TEN Architectural Group, that designed the facility along with George Miers & Associates, will also be celebrating the culmination of a rewarding design process and a statement of its core principles.

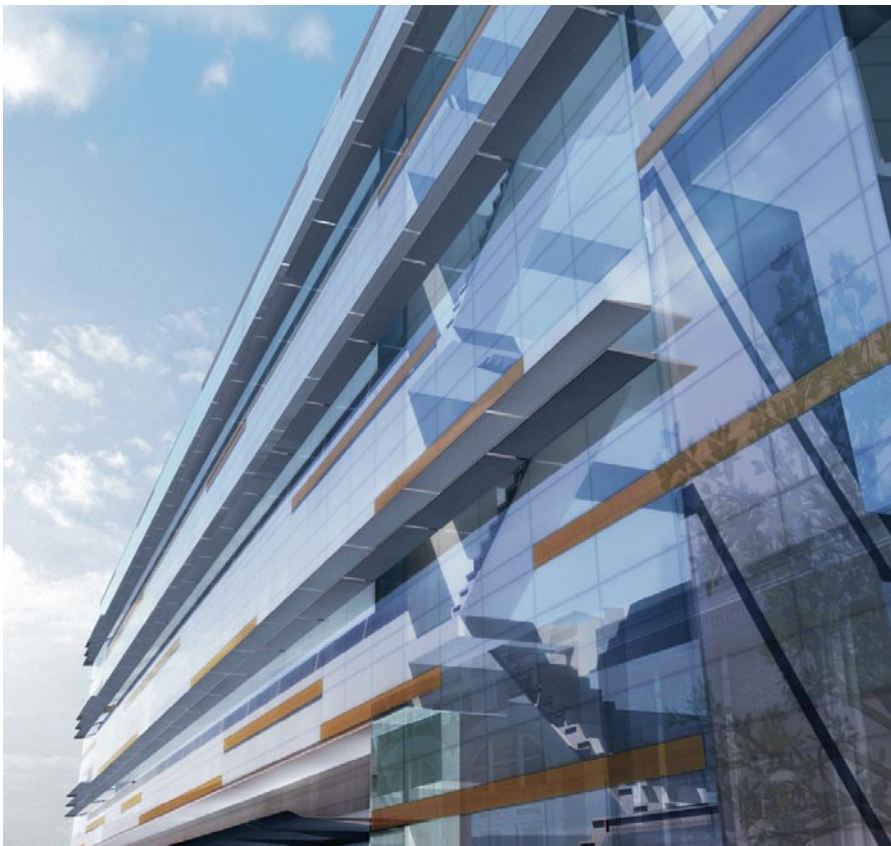
This innovative architectural and interior design practice, with offices in Winnipeg and Victoria, remains genuinely committed to both communities. With its design of the MTS Centre, in association with Sinks Combs Dethlefs, Number TEN was one of the first forces to drive the business and cultural renaissance that is taking place in downtown Winnipeg. It

continues this effort with the design of the University of Winnipeg Science Complex and Richardson College for the Environment: a \$40 million 'state of the art' science complex in downtown Winnipeg.

Further west through its Victoria Office, Number TEN is designing Aquattro — a distinguished, 660 unit condominium development embracing the beauty and environmental integrity of a 20-hectare waterfront property in Colwood, BC. It is crafted in West Coast style with extensive glazing, wood and rustic stone detailing.

As a leader in design innovation and implementation, the firm has established areas of excellence in commercial, hospitality, institutional, education and recreation design. Number TEN is currently being funded to research new design approaches to energy-efficient schools for a prairie climate. The firm continues to push design excellence and to contribute to the betterment of its home communities.

Barbara A. Myers of Number TEN is a member of the Partners Program. ■



University of Winnipeg Science Complex and Richardson College for the Environment

OUR PARTNERS



Bradley Curran, Cynthia Coop and the PIDIM president Laney Stewart



Leeland Finch and Laney Stewart

The Professional Interior Designers Institute of Manitoba



The PIDIM is pleased to announce that the following members were granted Emeritus status this year:

Cynthia Coop
Life Member

Leeland Finch
Fellow, Life Member

Debbie Lexier
Fellow, Life Member, Founding Member

Donna Mae Yeo
Fellow, Life Member, Founding Member

It is due to their long-standing membership and unwavering commitment to the PIDIM that these members were chosen to receive this honour. The PIDIM would once again like to thank and congratulate these dedicated members.

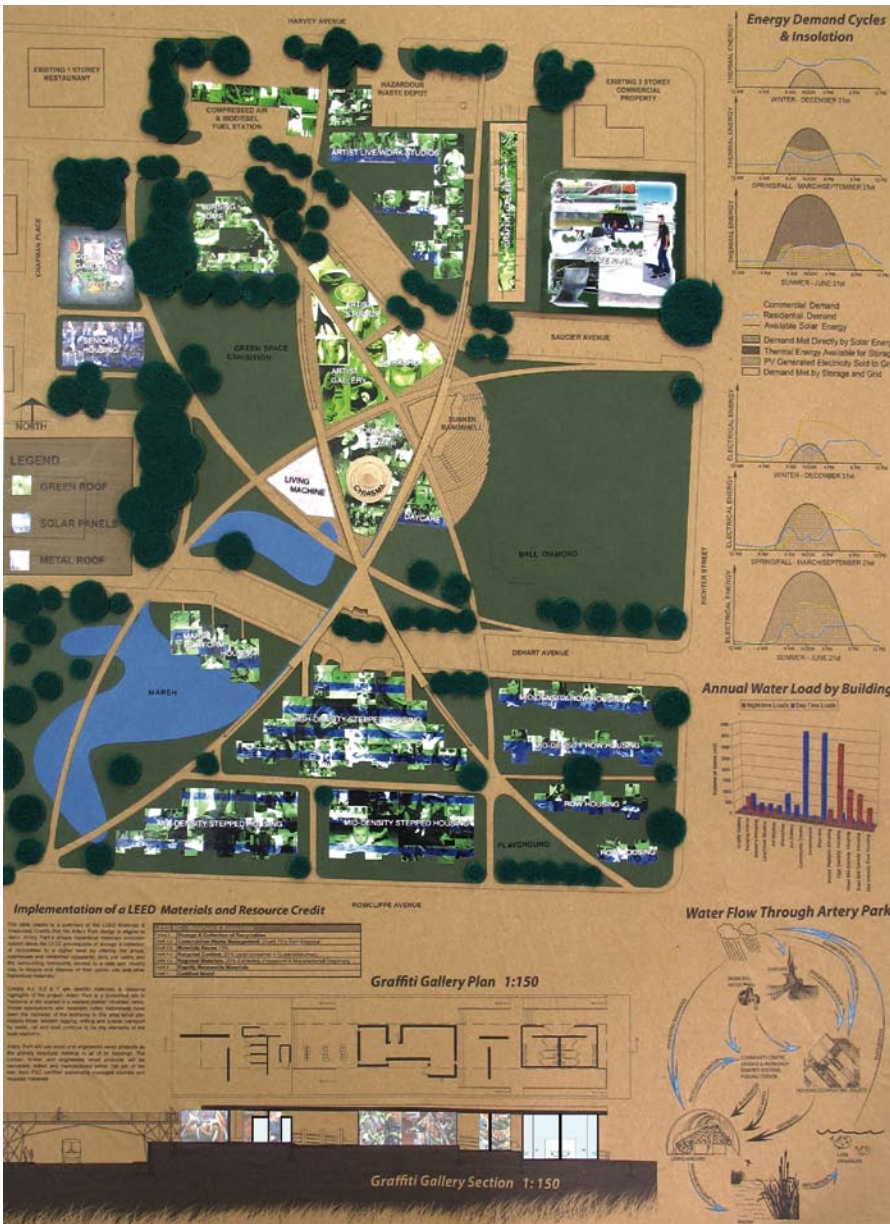
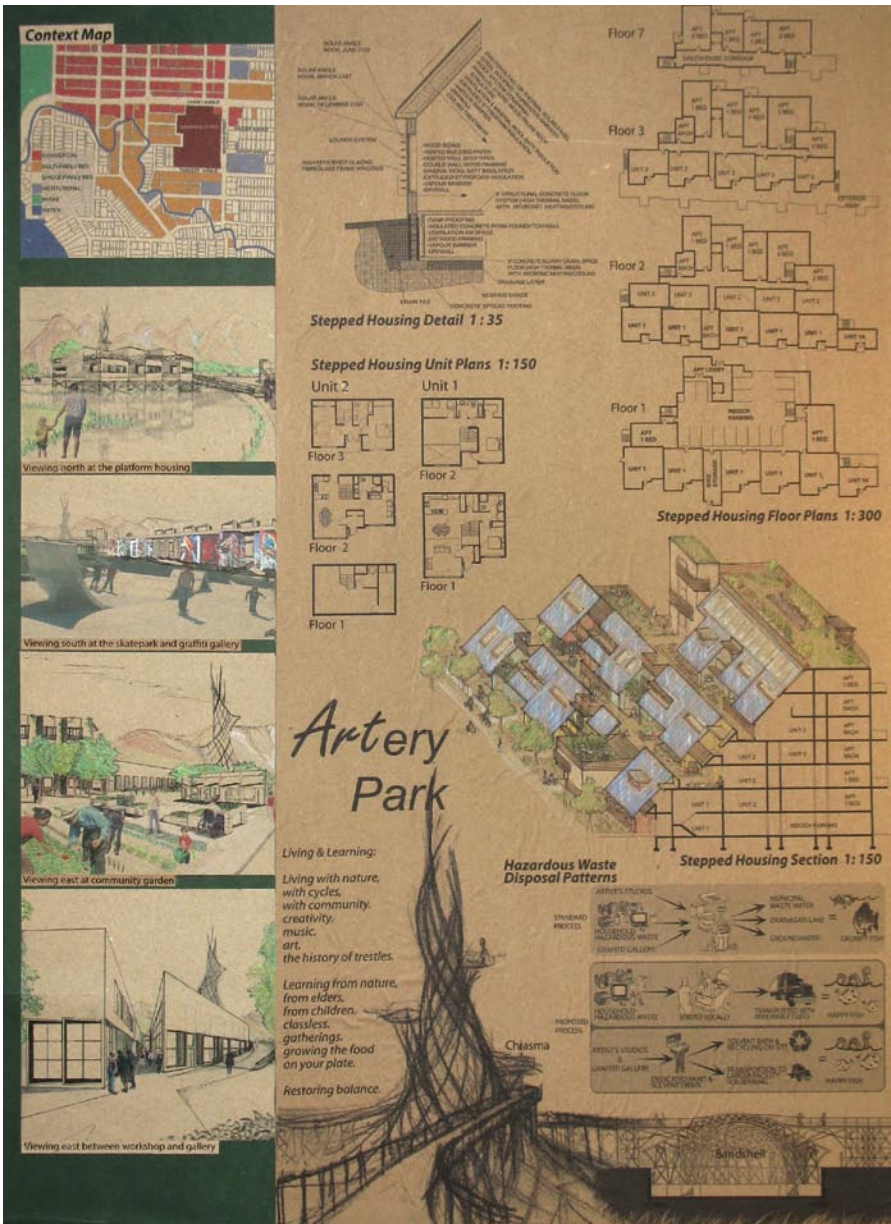
Laney Stewart, President of the PIDIM, is a member of the Partners Program. ■



Laney Stewart, Faye Hellner and Debbie Lexier



Leeland Finch, Donna Mae Yeo and Laney Stewart



competition boards of Artery Park

The Okanagan Green Design Competition

by Jessica Roder, Graduate Student, City Planning

The challenge for the Okanagan Green Design Competition 2006 was to turn the old Kelowna Secondary School site into a showcase of sustainable design. Some of the requirements for the 5.5-hectare site included at least 2 hectares of contiguous park, a diversity of housing types and indoor recreational facilities.

Some unique features of our design (Artery Park) are that it is multi-generational and provides various amenities for artists. The site incorporates an alternative fuelling station and a hazardous waste recycling depot specifically equipped to handle waste from the art studios and graffiti gallery. District greywater treatment leads all water to the on-site marsh after it has gone through the solar aquatic system in the greenhouse.

A central tree-like tower, the Chiasma, projects geothermal roots deep into the ground and harvests sunlight up above.

It serves as a gathering place and focal point – drawing people into the recreation centre and educating them about the cycles of the ecological world through experiential interaction with the Artery Park systems.

Building orientation, efficient hydronic panels, and smart design largely balance indoor temperatures without the need for external inputs. Photovoltaic panels help meet the energy needs of residents.

Our team, Plain Zero, represented Canada at the GreenBuild Conference in Denver in November 2006, where we competed against regional winners from across the United States.

Editor's Note: The Okanagan Green Design Competition 2006 was a tremendous success with participation nation-wide. Three of the four team members are from the Faculty of Architecture. The Winnipeg team, Plain Zero,

included Amanda Ross (M.Arch. 2006), Aynslee Hurdal (M.Arch. 2007), city planning thesis student Jessica Roder and Tim Krahn, a recent graduate from the Faculty of Engineering. ■



Plain Zero (l to r): Amanda Ross, Jessica Roder, Tim Krahn and Aynslee Hurdal with their competition boards



Jelly Beans in Merchant Park, Winnipeg (400 Portage Avenue between Edmonton and Kennedy Streets)

Jelly Bean Park: a temporary exploration with sculpture transforming an otherwise overlooked space

By Erica Swendrowski, Graduate Student, Landscape Architecture

Art on the Avenue: Sculpture Walk

In an effort to enhance the visual quality and pedestrian experience of Portage Avenue the Downtown Winnipeg BIZ commissioned nine University of Manitoba Art students and one Landscape Architecture

student in May of 2006 to produce ten large sculptures to be mounted between Memorial Boulevard and Main Street for one year.

During the summer of 2007, nine new sculptures added to the existing ten that were auctioned off in October 2007.

Jelly Bean Park

When we are lost within the hustle of everyday life, spaces tend to blur into one another and disappear into their surroundings. When filled with one of life's inconspicuous little pleasures, these overlooked spaces can take on new meaning and offer a fleeting moment of delight to the passersby — jolting them out of the

ordinary and giving them something to smile about.

I was inspired by the idea of using everyday objects from everyday life to fill an otherwise forgotten space in an effort to reveal the human element in both the physical landscape and contemporary culture. I also wanted to create a place of interest and delight that will remain in one's memory long after the pieces were gone. ■



"Anyone Can Paint" mural, painted by students from all faculties throughout the Art Walk week

Faculty of Architecture students enhance the student environment around campus

by Maya Cochrane, Coordinator of Art Walk,
Environmental Design graduate and UMSU Representative for Student Architectural Society 2006-2007

Art Walk

Art Walk was started in 2005 by Joe Kaltornyk and assisted by Maya Cochrane under the pretext that art is for everyone.

It is difficult for up-and-coming artists or designers to find the space to display their work or generate enough work to have a single showing. Art Walk was established to provide space to demonstrate the talent of the students at the University of Manitoba. Since the first show, this has become an annual University of Manitoba Student Union event, thus far organised by a student from the Faculty of Architecture.

This year's goal was to encourage the interaction between the Faculty of Architecture and other faculties, and to display and question our student work around campus. Art Walk occurs over one week in March when students from various disciplines are encouraged to submit what they consider to be art. The work is then displayed and rotated through various venues around campus.

Art Walk was one of the most successful this year, with just over 60 pieces of work, and the strong majority of participants coming from the Faculty of Architecture. Students' art was located in places where students frequent for coffee, lunch and relaxation.



Faculty of Architecture student work displayed in the GOSA (Gallery of Student Art) in University Centre

Work by students in the Faculty of Architecture was located in the Architecture and Fine Arts Library, Music Library, GOSA (Gallery of Student Art), St. John's College Daily Bread café, the UMSU student lounge, Degrees Dinner and GPA's coffee shop for students.

One of the major interactions with the greater student body included the wall mural "Anyone can paint." This blank canvas filled up with whatever students desired to express throughout the week. This provided a space for those who are not in a creative field to express themselves. The event ended with the Faculty of Architecture's annual coffee house featuring performance art and musical talent.

This event demonstrates that students in the Faculty of Architecture can con-

tribute greatly to the student community and work together with student unions to have our work displayed and discussed on an university-wide level.

Thank you to all the students who participated and to UMSU for providing the space for the work to be displayed.



a spider spooks the University (photo: Matthew Norman)

Faculty design creeps into the UMSU Malpractice Social

The University of Manitoba Student Union (UMSU) approached the Students' Architectural Society (SAS) to create a design for their annual Malpractice Halloween Social.

A design charrette was held in the Faculty of Architecture's student lounge to encourage various levels of participation by all the students and to brainstorm ideas on how we can create a scary interesting environment.

The measure of a successful turn-out is that six boxes of pizza donated by UMSU were consumed and pages of design ideas were created. Students from various years, disciplines and faculties came together to work through design development, and to build and install the work.

Working with 930 m² of space and a budget of \$1000 we came up with the theme, "get your heart pumping." Taking inspiration from the work created in the pre-masters studio, we used the drawings of muscular body parts to create wall panels and hanging ceiling elements. Veins were created with rope lighting and electrical tape that covered the walls creating interesting seating areas. A movie composed of student work from masters, pre-masters, ED2 and ED3 students played on stage behind the DJ and red and blue lights accented the hanging panels.

The main dance area led people to the bar with outlines of bodies on the floor. The bar was made into a morgue with silver stenciled bugs over clean white surfaces. The bugs also climbed up the windows transforming a transparent surface to a more reflective surface at night.



a Faculty of Architecture student creates veins with rope lighting and red electrical tape (photo: Matthew Norman)

The transformed space received positive response from UMSU and all who attended the event.

Just over 25 students participated at various stages of this project contributing whatever time they could take from their busy schedules.

I want to take this opportunity to thank the students who participated and made this event possible and successful. Certainly this is the first of many opportunities for collaborative work with the University that involves our faculty in transforming spaces around campus. ■



above and below: festivities begin in the creepy space created by Faculty of Architecture students



Housing Chai and Learning, Turkey 2007

by Vanessa Aleshka, Graduate Student, Interior Design

ture for Humanity, Hannes Meyer states “Architecture is a process of giving form and pattern to the social life of the community. Architecture is not an individual act performed by an artist-architect and charged with his emotions. Building is a collective action” (Stohr, pg. 36). Before we arrived in Deydinler to build together, taking over the public squat toilets and disrupting the ducks, we had the responsibility of learning together how Islamic architecture and design relate to tradition, belief-systems and present-day routines. Visiting the Aya Sofia, an exquisite structure I have wanted to see and photograph for years, was breathtaking. The intricate tiling and patterns created in a sitting room of the Topkapi Palace were visually stimulating yet peaceful in their beauty, the warm sunlight filtering in as I imagined myself sitting and reading quietly on a Sunday morning. The city smelled of spices and skin, and the call to prayer became for me an appreciated reminder of how is important my own personal faith life was.

In our discussions as a class about the expectations concerning the course, we briefly reviewed the concepts of participatory design and service learning. Before arriving in the village, I had the impression that the course was primarily a design-build studio, involving the community to a certain extent but with a focus on the design and construction of a teahouse. After being asked the question “What does service learning mean?” I began to think about the studio as more than just a design-build studio. The project became an opportunity to serve another commu-

Under the illumination of a sea of colored glass on the evening of May 9th, a group of respective strangers gathered in the Kybele Hotel to signify the beginning of a design venture. As the last of the group filtered in, backpacks heavy and bodies tired, the realization that I really had no idea why I was in Turkey became apparent.

Where the village of Deydinler was located with respect to home was questionable, since it is too small to find on Google Earth and most, if not all, maps. Despite the understanding I shared with the other students that we were in Turkey to participate in a cross-cultural, design-build studio, there was still a sense of uncertainty and unreality. The excitement of travel and of experiencing the Islamic culture for the first time was foremost in my mind, with the actual studio project taking a temporary backseat. I speak honestly, for my focus did shift quickly and drastically, as the project became some-

thing real. The process of engaging the project and the community began days later as I studied the single-storey shell of brick and plaster, and the overgrown site littered with rubbish, including a beautiful pair of rusted steel doors. The notion of service learning in the global community had not yet taken hold of me, and the actuality of what I was going to learn through the experience not fully understood.

While in Istanbul, we tried to absorb as much as possible with respect to Islamic design and life. In the book *Design Like You Give a Damn* edited by Architec-

Deydinler gentleman, provider of *eriks* (little sour plums)



student Marcella Poirier (city planning), host family introduction



Kybele Hotel, Istanbul, Turkey



student Marla Clarke (landscape architecture)



peaceful morning, Deydinler



the site upon arrival to Deydinler



village man with his sheep



students Leanne Muir (landscape architecture) and Zeina Hamady (graphic design) in the woodshop, Deydinler



woman by hamam



students Lauren Hauser and Jamie Edwards

nity, to exchange knowledge and experience, while adapting to the unexpected and unfamiliar. I feel as though I have learned more and have been given more through this experience than I myself have given, despite my full immersion in the project and the culture. Our group of students traveled to Turkey to provide the service of design and the work of our hands. We contributed the knowledge we have gained through our years of university study and that which we have gained through our own personal life experiences. The families and the community provided the service of completely opening up their lives to us. Each family gave us a home to make our own, warm meals to fill our stomachs, and the opportunity to learn about their culture and way of life, while they too participated in the planning of the project and its fruition. This was all graciously offered without a guarantee of completion and with the awareness that they were contributing to our education as students and adults.

The language difference added another layer of complexity to the learning, for we were forced to be creative in how we communicated while remaining patient with both others and ourselves. As I worked with the plumber communicating where the sink was going to be placed, and how high the drainage stack was to remain to allow for the anticipated 6 cm concrete floor, I thought about how it often seems more difficult to communicate such basic requirements at home. When surrounded by that which is familiar and when capable of understanding is often when this ability is taken for granted and attention

is lacking. After the plumber and I were finished drawing in the plaster dust and pointing to words in the Turkish-English dictionary, I felt confident enough that we understood each other. One of the most beneficial aspects of this cross-cultural studio is that it removed us from familiar territory, and forced us back to the basics of simple (uncomplicated) design, physical work that connected us with our earth and each other, and our reliance on others for encouragement and affirmation.

By participating in the studio we participated in a varied and experiential form of learning. This involved everything from a purple puppet, with an attitude, named Claudia, the making of 15 batches of Canadian-Icelandic pancakes, to the relentless tying of rebar, and a continually changing landscape design. The project began as a small teahouse that became a teahouse and a terraced seating space, later developing into a park with a play structure for the children and space for a future football field. The single room structure was transformed after a week of conceptual work and site study, and two weeks of unified commitment on the part of the students, the professors, and the community members. It was elevated from a space with potential to a teahouse that serves as the foundation of social interaction, valued tradition and undetected progression.

When I left Canada in May, I was hoping that my contribution would be significant, and that there would be a purpose to my being in Deydinler. I realize now that my purpose was to go and observe in order to understand, participate, and learn. The



student Jill Chinna painting Teahouse interior



pottery painter, Cappadocia, Turkey

sense of hesitation in each of us, apparent as I photographed the introduction of each student to host family, turned to a sense of relief as family members smiled and welcomed us with open arms. I say relief because it was comforting to know that we had a home to return to each evening, even if it was not what we were used to in Canada. It is amazing to reflect on the change that occurred in only one month with respect to the relationships developed between host family and student, and among fellow students. We explored the unknown streets of Istanbul as strangers all with a common goal, equally fascinated by the miniature stools on which one would sit and drink chai. We gathered around the early morning “big Nescafe” and danced the Turkish dance on the last evening as though we had intimately known each other for years. Our families cared for us as though

we were their own children, and a few quiet tears fell as the celebratory dance came to a close. I did not feel sad when leaving, for I know in my heart that I will be back in Deydinler sooner than I even imagine. I still dream of Inegolian meatballs, and my desire as a designer to work on future international projects is fueled by my recent experience. On behalf of the inspiring group of students I had the opportunity to work with, as designers and planners we endeavor to create that which is significant. Looking back at the Deydinler - Manitoba Friendship Park, I believe we did.

References

Stohr, K. (2006). 100 years of humanitarian design. *Design like you give a damn: Architectural responses to humanitarian crisis*. Ed. Architecture for Humanity. New York: Metropolis Books, pg. 36. ■



painting



caves, Cappadocia, Turkey



students Marcella Poirier and Shelagh Graham (city planning) tying rebar



sheep (architecture) in Teahouse, upper level



painting of Teahouse doors



streetside chai



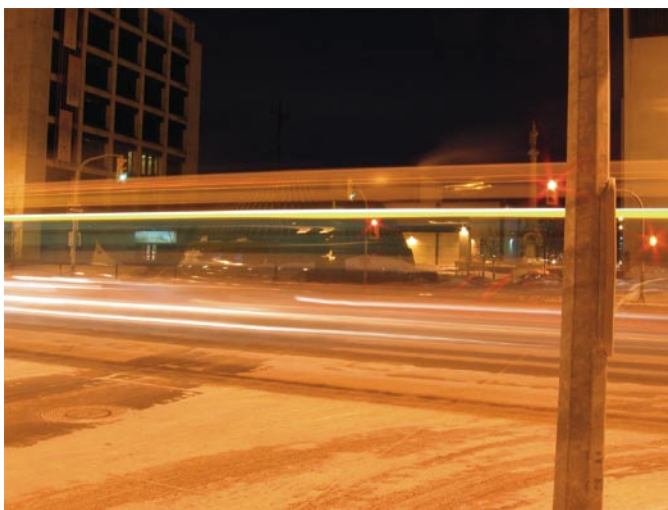
sheep (architecture) in Teahouse, upper level



4 pm chai



Teahouse, June 6, 2007



Epiphany of an Urbanite: The Richard Milgrom Studio

by Chris Gilmour, Third-Year Student, Environmental Design, September 2007
with photo contributions by Randy Wong and Brittany Webster

What is Urbanism?

Fourteen students, in the period of roughly three and a half months tried to tackle that exact question. By exploring how human behavior and space are designed for the individual and the community, our studio investigated how urban scale has changed and can be changed within downtown Winnipeg. The following is an account of my own experiences and reflections.

What makes a city? What is Urbanism?

‘Urbanism is Life’
‘Urbanism is dwelling’
‘Urbanism is personal to everyone’

Those were just a few individual studio responses to the question. But what is the essence of a city that makes it an ‘Urban’ environment? And more importantly, is there a clear answer? I believe Urbanism represents an organizational response to an increase in size, density and diversity of a cultural environment. But it’s not as simple as that. As we proceeded through the following project, I came to the realization that something more was involved.



night projections

recognizable are those vacant and abandoned areas of the downtown core, as the outskirts build faster and faster those cookie cutter homes: we all say we hate them but seem to encourage their demand — a demand further motivated by the car, as seen in land dedicated to the car by this ‘green’ city.

The “gauntlet”, as one person has described Main Street to me, is stereotyped as unsafe: perhaps for its prominent affiliation with soup kitchens and drop-in shelters. A stereotype I have to admit I retained until I visited the Salvation Army drop in center. I recall a feeling of uneasi-

abandoned area, had a catalyst occurred? Could people now be attracted to this once derelict space? The future is promising.

The Milgrom Studio focused its attention on creating several strategies, or a series of steps, to re-inhabit the core of the urban sprawl ‘donut’. A series of pedestrian corridors are proposed to connect these nodes created by the projection media. The corridors are designed to embrace a human scale that will add vibrancy to the previously vacant and isolated areas. This is a suggested beginning to a series of corridors that can run through the downtown area to create a cohesive whole. Another proposal investigates a closer connection to the individual within the community, focusing on the creation of development that caters to their specific needs — for example, thinking about the needs of little Johnny, by creating a park, or the college student, by building a studio environment. A combination of individual needs and future residential density make for a more vibrant district. Other strategies focus on later stages of re-inhabitation, development aimed at further social services and housing to fosters sustainable growth. The underlying strategy was to adopt an artistic voice to foster an attraction, and as a result sustainable development.

The Godzilla model?

In our process of designing new development specific for Main Street, our studio focused on massing in 1 to 100 scale models. The model became a giant puzzle, wherein each individual would contribute a piece towards the future identity of Main Street. The ‘spread’ was commonly placed on the floor for people to walk around. Those who dared, could

walk through the streets as if they had a ‘Godzilla’ like presence over the street: gaining a god-like perspective to the design strategy. Our strategy: develop designs within the existing lots, that address community concerns, while retaining existing use and providing a housing element. The result: a revitalized streetscape that speaks to urban challenges within the city.

For me the people are the most important element in this design problem. The idea was to create an experience for patrons that causes movement within the area and provides a benefit to those in need. I was challenged by this need for social support, while still providing an interesting destination point for ‘outsiders’. In the end, it was a mix. An abundance of SRO’s and residential input, and unique ideas such as art centers, self-serve bike repair/assembly, studio space, and a hotel/energy station. Our individuality within the group had emerged.

So how does urbanism get expressed through our main street development? Or does it at all? Throughout this project, I realized that the people become the factor in how the environment was created. Within our individualistic approaches of our building models, we still achieved some interesting results. Although we may have been a bit egotistical in our designs, the end result aspired to a better sustainable Winnipeg. We can’t escape the fact that urban life is catered towards the majority or the typical person. Perhaps that is the issue with downtown Winnipeg — what is the typical individual? Urbanism is a function of people and how they interact and connect with their environment.

The manipulation of people shapes our environment.

The environment manipulated me. ■



rebirth of Main Street



urban sprawl

Downtown, No Vacancy?

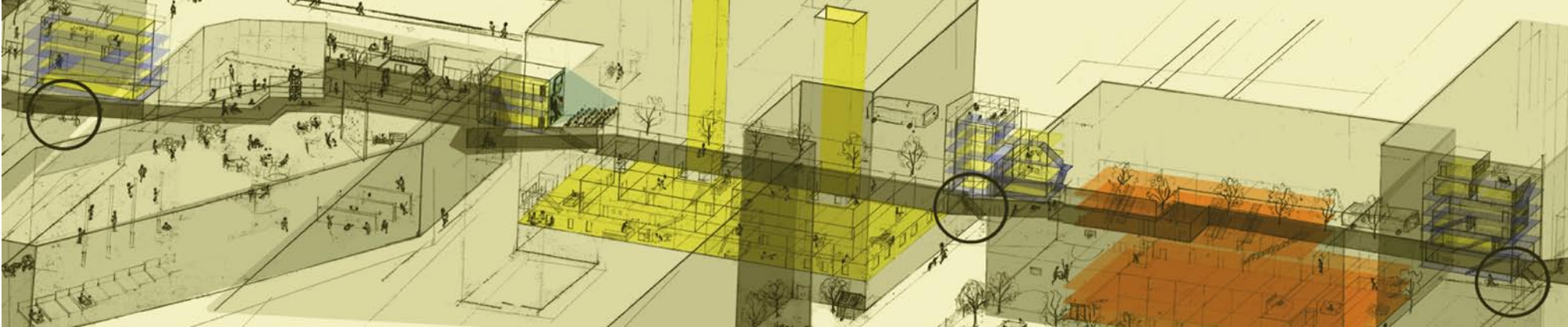
It was January 12th, 2007, in the cultural district of downtown Winnipeg. I found myself freezing in minus 45°C weather, as I attempted to take in my surroundings, and observe the ‘sprawling’ activity. Occasionally I saw a person or two, and they too were not amused with being overcome by frostbite. Perhaps they were like me, still adjusting to the extreme climate of Winter Peg. But as I wandered the streets of the downtown core, in search of ‘urban’ life, I was reminded of my hometown. Calgary is characterized by a large suburban context, where the downtown core is a place for the homeless and big business. In fact, downtown Calgary should have an hours of operation sign — open from 9 am to 6 pm, Monday to Friday. For me it’s the norm: Winnipeg feels the same way. Along Main Street, north of City hall, I was surprised by the poverty and the extreme vacancy in the area. Has the area been a product of isolation and forgetfulness of its mother city or is the rest of the downtown core reacting in a similar way? More and more



ness: as if I was going into the belly of the beast. But once I was there, my fear of the unknown soon dissipated. This was one of the issues we faced as a studio, when considering a transformation. With that said, I realized the power of the presence of people and how that could contribute to the community. Our goal: counteract the negative change that has developed within the last 50 years.

Re-inhabiting the Timbit?

Now I find myself in Chinatown on the corner of Pacific and Princess street, it’s a Tuesday at 7:30 in the evening. I am with my group members trying to set up an office projector so we can illuminate the adjacent warehouse wall with a comic strip projection. The car adapter doesn’t work so we are forced to search for alternate power. Luckily, we spot a parking stall plug in: parking lots are more useful than I thought. The power is connected and instant illumination occurs. An interesting thing occurs at that moment. People walking by start to watch the illuminated wall, like moths to a light: their curiosity keeps them there. Within a vacant and



Winnipeg's Skywalk cuts through downtown buildings. Single occupancy dwellings in yellow and family dwellings in orange, accessed from the Skywalk, develop above and below. Black circles indicate points of access to the Skywalk system from the street.

Social Housing and Downtown Revitalization in Winnipeg

by Rebecca Loewen, Jennifer Reynolds, Tom Alston, Graduate Students, Architecture

The L.e.a.p. (Laboratoire d'Etude d'Architecture Potentielle) competition Rethinking and Redefining Social Housing in the City Centre, launched in May 2006, pertains to a time in the history of Canadian cities when social housing usually comprises grouped and segregated apartment blocks or concentrated row housing, tucked away as far from commercial and public zones as possible. For many residents of social housing, this physical isolation leads to emotional, mental and social alienation.

At the same time, the downtown cores of most major Canadian cities are suffering badly from a lack of vitality. In Winnipeg, a city that has sprawled as it has grown, an extreme climate results in a downtown culture characterized by on-grade parking and a seasonally dependent vivacity. The lack of life attracts crime and promotes prejudice and stigma. Despite attempts in recent years to rejuvenate the Portage Avenue area with the erection of expensive new complexes, these singular solutions prove ultimately unsuccessful.

In contrast to these approaches to downtown renewal, our project begins on a human scale, starting with one life and connecting this to another, and then another, and another, and so forth, until the arterial core of the downtown begins to swell with the buzz of activity. The lives we cite are not those refined existences of luxury condo owners but those of a coarser reality, those of poor students and seniors, of single-parent families and people on permanent disability.

Given that more than half of the land in downtown Winnipeg today is on-grade

parking, the obvious social housing proposal sited here would put forward a block, or several blocks, in the heart of the city. We rejected such solutions in favour of embracing existing resources, partly because we believe architects ought to be leaders in the practice of sustainability, and partly because this seemed the only way to generate the density necessary to spark life in Winnipeg's city centre. Guided by the intention to enable and foster contact between residents of social housing and people in the public realm, but facing the challenges posed by climatic barriers when weather conditions are extreme, we selected the Skywalk, Winnipeg's weather-protected and climate-controlled pedestrian walkway, and the attached Winnipeg Square, the below grade shopping mall under the Portage and Main intersection, as the site for our project.

Site: A Dynamic Interior

Although the Skywalk-Square artery has faced ongoing criticism since its inception in the late seventies — the Square for “killing the downtown above-ground” (Globe and Mail, 2001) and the Skywalk for “robbing the street of pedestrian movement” (Globe and Mail, 2006) — the Skywalk concentrates points of cultural and social interest dynamically: drawing shops, restaurants, hotels, banks, an arena, a gym, a library together along a distinctive line. Grounding domestic life in active public space by building atop Skywalk bridges and along Skywalk corridors, we envisaged a radical impurity of zones and the development of a dynamic and vibrant neighbourhood.

The heterogeneity of the site required us to design a variety of unit types. We recognized this architectural diversity of

units as helpful in promoting both pride in “ownership” and the celebration of differences among residents.

Residents of the Skywalk have amenities close at hand and there is no need for cars in this neighbourhood. People finding they can easily walk from their homes to their daily destinations begin to lead healthier lifestyles than residents of apartment blocks or suburban dwellers who must drive to their destinations.

Social Symbiosis

To initiate a symbiotic sharing of human energy between interior and exterior paths, our first task was to connect these two worlds. To open up the Skywalk to the air, we punctured the high-rise buildings containing units with long thin light-wells, drawing the sky deep into the interior. We designed new and self-evident ways into the Skywalk from the street, imagining reading terraces ascending the front façade of the public library, stairs descending into the passageway from the city's busiest bus stop, or an elevator on the sidewalk to draw people up into the overhead walkway. Where residential units were designed to rest atop Skywalk bridges, the threshold between public and private realms was made transparent. A glass and steel curtain wall encased stairs accessing units, providing physical security and protection from the elements while permitting a visual connection between interior (private) and exterior (public) spaces.

The glazing between public and private areas was designed as a double-skinned façade, to trap heat from the sun in the winter and provide natural convection and ventilation by means of operable windows in the warmer months. These walls could incorporate photovoltaic glass, which allows heat and light to pass through while providing electricity. The implementation of this technology would reduce dependency on the HVAC systems of those buildings supporting the new units.

Sky Garden

Where glass skin enclosed housing units above the Skywalk, the glazing was designed to wrap over the roof and form shared greenhouse space. With rooftop greenhouses open to the prairie sky, urban gardening becomes a viable subsidiary benefit to the new life of the Skywalk system. Long, thin units were

able to capture ample amounts of fresh air, natural sunlight and rainwater for the nourishment of fruits and vegetables. We saw the produce of these gardens being harvested and prepared for sale in a spacious underground market in what is currently Winnipeg Square. The gardens, together with the produce market, could generate employment, and enable healthy living for downtown residents by providing cheaper, nutritious, locally produced food, at a location accessible by foot year-round.

The proposed market, spreading out under Winnipeg's busiest intersection, would generate an abundance of concentrated activity and lend a robustness to the Skywalk network, as well as to the downtown as a whole. Eventually, we thought, other arteries of combined residential-commercial use might develop, reaching out from the Portage and Main plaza to form a large thriving network of urban living with the market plaza as its heart.

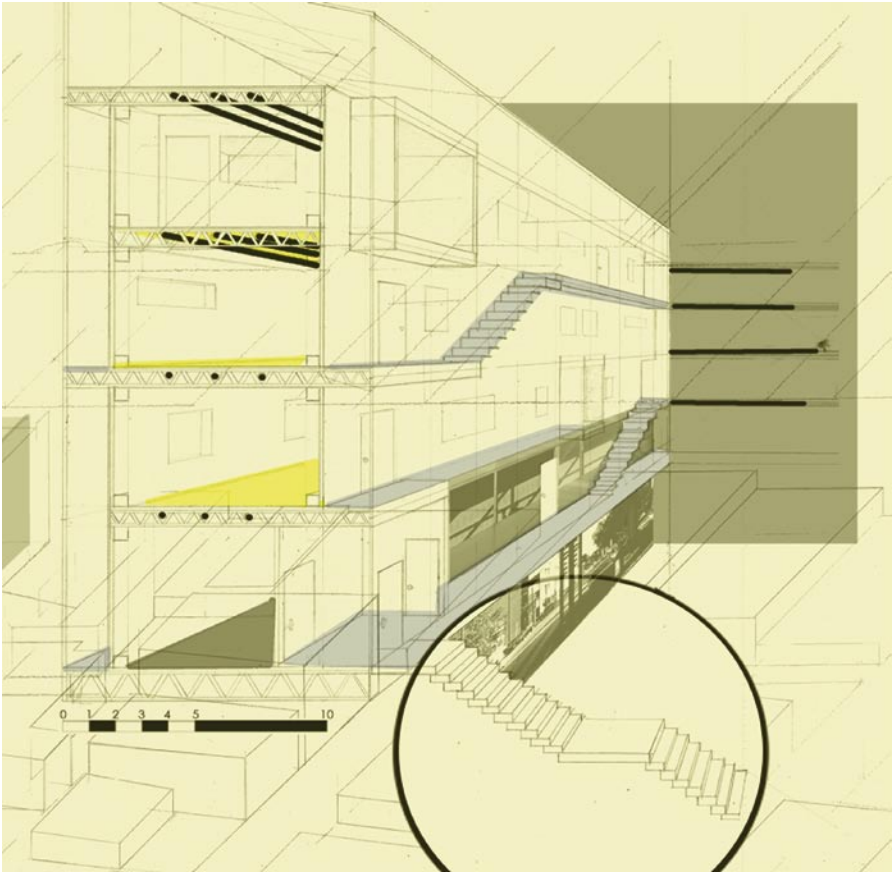
Conclusion

An increased population of residents downtown would encourage commercial growth and increase pedestrian traffic at all times of day, on each day of the week, thus improving safety downtown. With Winnipeggers living in other parts of the city feeling more inclined to visit the city centre, our downtown could foster interactions among those living, working, and spending leisure time downtown. The residents of our Skywalk housing would experience, in their turn, feelings of inclusion, involvement and excitement resulting from living in the midst of an energetic urban centre.

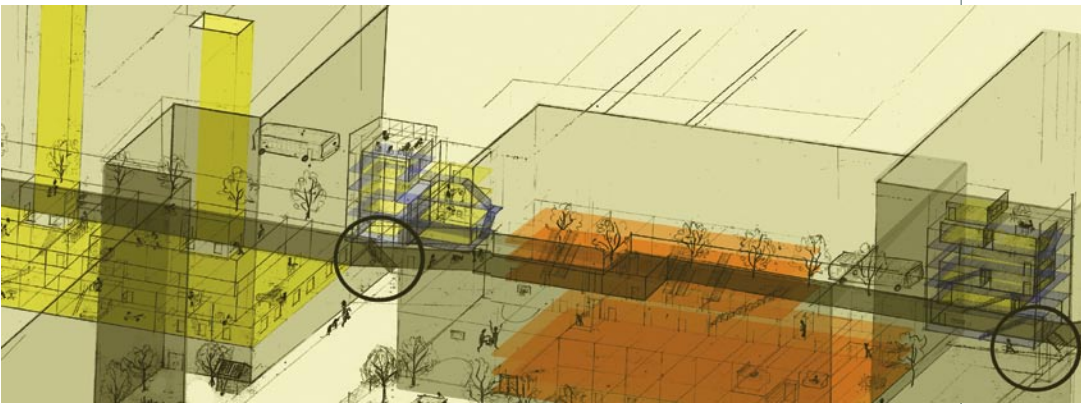
References

- Rochon, Lisa. “The Height of Stupidity,” The Globe and Mail, 25 April 2001.
Strauss, Julius. “Urban Decay is Not a Negative,” The Globe and Mail, 24 February 2006.

Editor's Note: The L.e.a.p. competition Rethinking and Redefining Social Housing in the City Centre was a Research/Creation project that was looking to explore innovative ideas for social housing in the downtown cores of large Canadian cities. The goal of the project was to get architecture students to think imaginatively and critically about the built form of our cities in ways that are pertinent to architects, urban designers and the community at large. Rebecca Loewen, Jennifer Reynolds and Tom Alston won second prize for their entry “Along the insides”. ■



units designed to tap into existing mechanical systems - electrical, HVAC, and water - of those buildings within and adjacent to which Skywalk housing is built



where the Skywalk bridges two buildings, units are stacked above, with circulation winding around these

Architecture Pre-Masters Timbrel Vault Building Project

by Natalija Subotincic, Associate Professor, Department of Architecture

2006-2007 timbrel vault, interior

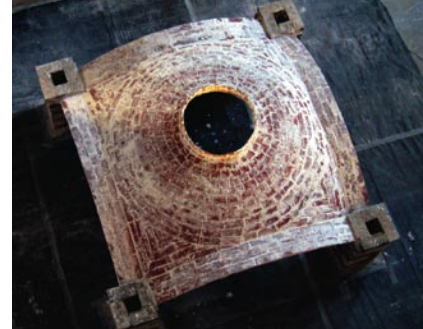
For three years in a row, the architecture pre-masters students have engaged in a hands-on building exercise as part of their Building Science 1 – Making Architecture technology class. These projects are intended to introduce students to direct experience with materials and methods of building, as well as to experts working in the field. The building system we have been exploring is the “timbrel” dome and vault.

This building system originated in the Catalan region of Spain and was most famously used in the architecture of Antonio Gaudí. It was introduced and widely used in North America by the Guastavino Construction Company (1885-1962). The National Art Schools in Havana Cuba, built in the early 1960s, provide more recent and spectacular examples of the architectural and structural potential of this building system. The most unique characteristic and greatest benefit of this system, is that no formwork or false work is needed to construct the dome or vault. The first layer of a laminated masonry shell is held together with quick setting plaster where the dome or vault literally becomes the formwork for the final finished surfaces. These initial layers of masonry are often utilized as the finished surface, as can be seen in

the exquisite vaulted spaces of the Boston Public Library built by the Guastavino Company. Nine students and myself built our first attempt in 2004-2005, in collaboration with Michael Ramage (a graduating student at MIT, who had previously built a similar vault) and Ronnie Araya, a practicing architect who came from the Catholic University of Valparaiso Open City as a visiting scholar to The Centre for Architectural Structures and Technology (C.A.S.T.). In 2005-2006, ten students and myself collaborated once again with Michael Ramage (who now teaches in Cambridge, England) and Lancelot Coar, a practicing architect from Philadelphia, and a visiting scholar to C.A.S.T. We built a 1:5 scaled prototype of a real vault designed by architect Peter Rich for the Visitors Centre for Mapungubwe National Park on the borders of South

Africa, Botswana and Zimbabwe. Professor John Oschendorf, an engineer from MIT's architecture school (2007 CMRI Distinguished Lecturer), was developing the calculations for this project. Working with his initial calculations we built the first physical prototype for the vault. This work was extremely helpful to both the architect and engineer in the further design of the domes for South African project.

In 2006-2007, the group flexed their vaulting muscles a little and built a more complex design integrating a central



2006-2007 timbrel vault, from above



load test with 17 people jumping

oculus within a dome. The eight students and myself worked with now Professor Lancelot Coar and structural engineering PhD candidate Fariborz Hashemian. This year's vault had a groin span of five feet. It took approximately 16 hours to construct and about half an hour to deconstruct. In many ways, the most exciting part of the project was the load test. Seventeen people climbed on top of the vault and waited. Nothing happened. So we jumped once...and we heard some cracks. The whole group then jumped in unison a second time, and finally compromised the vault through a shear puncture. It took about 15 seconds for the whole vault to progressively succumb to its inevitable demise. One hundred and forty-four modular bricks were used to build the supporting piers (with a lime and sand mortar, as we re-use them each year) and six hundred and fifty ½" face bricks were used to build the groins and vault along with about three and a half bags of plaster. When all the calculations came in, this ½" thick vault was able to withstand much more than 7.74 times its own weight (remember 17 people had to jump twice to cause it to fail). This is a very high load to material weight ratio.

Finally, I would like to say that none of this would be remotely possible if it were not for the most generous, continuous and kind support of the Canadian Masonry Research Institute (CMRI); Murray Alston from I-XL Masonry Supplies Ltd., Winnipeg; Harry Laarveld, Mark Laarveld, and Kris Benedictson (our hands-on mason) from Euro-Can Enterprises Ltd.; Professor Patrick Harrop, our CMRI Chair in Masonry Studies, in the University of Manitoba Architecture Department; and Professor Mark West from C.A.S.T. (for the use of facilities and project assistance); and last but certainly not least, the students - 2004-2005: T. Alston, J. Foucreault, A. Lewthwaite, R. Loewen, M. McPetrick, K. Nelson, J. Reynolds, J. Robbins, M. Wirasinghe; 2005-2006: G. Brennen, J. Campbell, A. Dawson, C. Dobie, C. Drohomereski, L. Friggstad, R. Gorrie, J. Letkemann, S. Lynch, M. Murray; 2006-2007: G. Chan, S. Cummings, J. Joorisity, K. Kaspersion, M. Maksymiuk, D. Finch, D. Saxton, A. Schroeder. ■



2004-2005 vault



2005-2006 barrel vault prototype



finishing the oculus on the 2006-2007 dome



"Pneuma" installation at Ile Ste-Hélène in Montreal



exhibited in the Musée d'Art Contemporain in Montreal



Professors Patrick Harrop and Peter Hasdell at the opening, Ile Ste-Hélène

Pneuma by Peter Hasdell and Patrick Harrop, Associates Professors, Department of Architecture with FAUM students Michael Banman, Dirk Blouw, Spencer Cutten, Carl Drohomereski, Darcy Fraser-MacDonald, Ryan Gorrie, Andrew Lewthwaite, Zach Pauls and assistance from Brian Rex and Texas Tech Students

Professors Peter Hasdell and Patrick Harrop were commissioned to produce a public art installation or Folly for Artefact Urban Sculptures 2007 in Ile Ste-Hélène in Montreal as a part of the 40 year anniversary celebrations of Expo 1967. Their installation "Pneuma," constructed with the help of Faculty of Architecture (UM) students, is sited 100 meters from Buckminster Fuller's Dome and is a pneumatic structure that derives from Buckminster Fuller, Frei Otto and the biologist Ernst Haeckel (who published "Art-forms in Nature").

Using many interconnected inflated cells, Pneuma responds to changing conditions in its milieu. Conceptually the proposal is situated in the context of 1960s Immaterial Architecture, Archigram's "Blowout" and Yves Klein's Air Architecture. At present there is a resurgent interest in inflatables as responsive and flexible structures. In the context of the Expo 67 site this connection between the counter culture roots of the inflatable movement and today offers a unique potential. This opportunity

to update the inflatable folly able to react, sense and move we saw as providing an interesting comment on the nature of the folly and perhaps on the Expo site itself. The installation will remained until September 2007.

Of interest to us was how to develop indeterminate (open-ended), flexible and generative assemblies. We explored the potential of rapid prototyping as a viral proliferator of mutation and fabricated all the cells from vapor barrier. We developed the installation through a generative process, in which all inflatable cell prototypes are continually added to the overall assemblage. Cells are allowed to evolve, mutate or adapt in the next generation of cells. In this process, an iteration of a prototype becomes a part of a phylogeny of imperfection, a viral cell replicated and modified.

The resultant assemblage incorporates all elements, and is ever evolving and growing through continual modification. Component failures and genetic dead-ends are also a part of it. As a result the installation incorporates and encodes the processes of its formation and evolution within its matrix, creating a meshwork between the whole and its cells that is unpredictable in outcome.

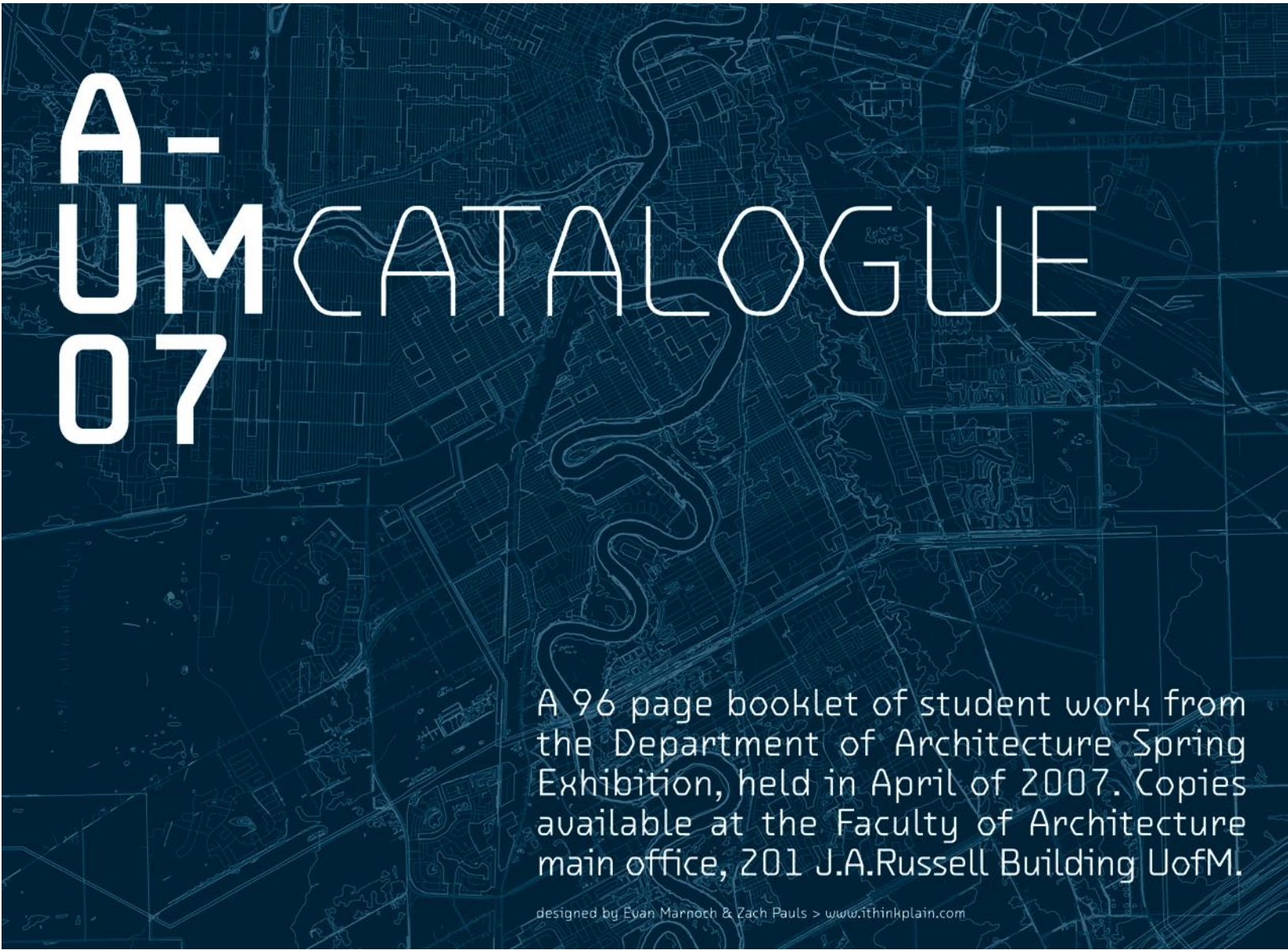
As part of the Artefact event, work was also exhibited in the Musée d'Art Contemporain in Montreal. A continuation of the project is presently showing at the Joyce Yahouda Gallery. This work involves inflatable cells and low level BEAM robotics as a cellular approach to electronics and responsive systems.

Acknowledgements

C.A.S.T. (The Centre for Architecture Structures and Technology)
Department of Architecture, University of Manitoba
University of Manitoba Creative Works

Grants

Louis Barrette
Joyce Yahouda ■



BURGESS, JACLYN CAMPBELL, JASON
COLOSSON, CATHERINE CONNOR, HAILY
JULT, DAN DUNSMORE, ALANA
OTT FINCH, DERRICK FOK, VANCE
SHAHAB GARTRELL, MARNIE
A GREEN, TYLER GULLET, KIRBY
KAITLYN HRYNIW, CASSANDRA
JENSEN, JEPPE JOHNSON, ALEXANDRA
ER KONOWALCHUK, MATTHEW
JUNSOO LEHMANN, MANDY
ECCA LUI, CANDICE LYNCH, SAM MA, HAN
N, JAMES MCCULLOUGH, SCOTT
TTHEW NORRIS, BECCA NUYTTEN, THOMAS
ER, MARCELLA PORTH, GREG
ALIE ROSZELL, CHRIS RUDD, JOSH
ERING, PAM SOSA, ANDREA
O THOMPSON, BENJAMIN TIAN, LANTING
IERRE WALL, JENNIFER WALSH, KATY
A XIAO, YI YAKIWCHUK, AMANDA
ALBRIGHT, EMILY ALPERN, RACHAEL
EN, KRISTEN BAMBAURAKI, KIM
NDO, JAIMI BEWZA, AMBER
E BRAUN, ANDREA BRAUN, BOBBIE
JASON CHAN, GORDON CHAN, MICHAEL
R, HAILY COTTERILL, KELLY
RE, ALANA DYCK, JUSTIN
RRICK FOK, VANCE FOUGERE, THOMAS
MARNIE GENG, YINGGE GEROW, KIRA
BY GUNDERSON, ALISHA
SSANDRA HSIEH, YU PING
HNSON, MIKE KANG, BYUNG-HEE
AMELA KUDRYCKI, MACIEJ
RITY LETHWAITE, ANDREW
ANN MACK, SARA MACLENNAN, BOBBI
ETRICK, MATT MELO, SUZY
, DEBRA OLIVSON, ALEX ORR, CATHERINE
CZEK, PRZEMEK REISCHEK, KRISTIN
RRASIN, MELISSA SAXTON, DAVE
R WARRANTZ, LANA WATSON, DARCIE
YAO, BINGYI YAO, JIA YU, LANCE
ALVES, SYLVIA ANDERSON, ERICA
EL BARTAKE, BERTRAND BATTISTA, PABLO
TTA BLACKMAN, TODD BLOUW, DIRK
CHRISTOPHER BRICKER, IVY
ER, CHRISTOPHER CHRISTIANSON,
SPENCER DAVID, APRIL DAVIDSON, ALICE
LAN ELLISON, CARRIE ENNS, MICHAEL
AD, LEIF FROHWERK, KIM
GOODMAN, ERIKA GORRIE, RYAN
ER, LAUREN HEATH, MICHELLE
SEN, ANNA INQUE, MAYO IRWIN, LAURA
KINDRACHUK, JOHN KIVUTHA, KWEKWE
CHRISTINA LANG, AMANDA LANG, ASH
ANG, DUANE LISTER, BRODIE
X, MICHAEL MARAJH, TAMARA
GREG MOON, CECELIA MOROZ, ANDREA
ILLIAN PANG, WEI PARK, KENNY
DS, JENNIFER RIVARD, KATRINE
J, AURORA SEYMOUR, DESTINY
VNYCHYCH, CHELSEA TANNER, JOCELYN
BARBARA VAN ELENBERG, PAUL
E, SHANNON WILSON, PAIGE
AN ZHANG, BOFEI ZHANG, GENG
O-JAVIER, JOY ARNOLD, CRYSTAL
MARIA BEERNAERTS, STEFF
TTA, MAGGIE BORTON, KEN
RICARDO BROTZEL, ADRIA
SARAH CHUNG, BILLY CLARKE, CHINA
CE DESROCHES, NICOLE
AWLEY, KEVIN MEHR, BRADLEY
IES, PRISCILLA GAGNON, MELANIE
MARILYN SEYMOUR, NIGEL
PERGER, COLIN HO, KELLIE
LAURA JACOBSON, NOAH
KIVUTHA, KWIKWE KLASSEN, BRENDA
Y, PAMELA KUDRYCKI, MACIEJ
DY LEITH, DEYDEAN LEPAGE, CHARITY
HAN MACLENNAN, EIREANN MACK, SARA
DONALD, DARCY MCFETRICK, MATT
MAS OHATON, DEBRA OLIVSON, ALEX
INCE, MIKE PRZEMEK, PRZEMEK
AMMONS, ERIKA SARRASIN, MELISSA
KRISTIE STANIEWICH, SHAWN
TROMBLE, ANICER
R WALSH, KATY WAN, TAREN
KIWCHUK, AMANDA YANG, MENGHUN
ALPERN, RACHAEL ALSTON, TOM ALVES,
RAKI, KIM BANMAN, MICHAEL BARTAKE,
IRD, LAURA BJORNSSON, BRIGITTA
BRENNEN, GILLIAN BRETECHER,
CHAEEL CHUNG KAI CHEVALIER,
THUR, LANNI BAKER, CHRIS BAKER,
HRIS BELL, NICHOLAS BELLASARIO, FABIO
AW, CAMERON BRADSHAW, KYLE
EE BURGESS, JACLYN CAMPBELL, JASON
COLOSSON, CATHERINE CONNOR, HAILY
JULT, DAN DUNSMORE, ALANA
OTT FINCH, DERRICK FOK, VANCE
SHAHAB GARTRELL, MARNIE
A GREEN, TYLER GULLET, KIRBY
KAITLYN HRYNIW, CASSANDRA
JENSEN, JEPPE JOHNSON, ALEXANDRA
ER KONOWALCHUK, MATTHEW
JUNSOO LEHMANN, MANDY
ECCA LUI, CANDICE LYNCH, SAM MA, HAN
N, JAMES MCCULLOUGH, SCOTT
TTHEW NORRIS, BECCA NUYTTEN, THOMAS
ER, MARCELLA PORTH, GREG
ALIE ROSZELL, CHRIS RUDD, JOSH
ERING, PAM SOSA, ANDREA
O THOMPSON, BENJAMIN TIAN, LANTING
IERRE WALL, JENNIFER WALSH, KATY
A XIAO, YI YAKIWCHUK, AMANDA
ALBRIGHT, EMILY ALPERN, RACHAEL
EN, KRISTEN BAMBAURAKI, KIM
NDO, JAIMI BEWZA, AMBER
E BRAUN, ANDREA BRAUN, BOBBIE
JASON CHAN, GORDON CHAN, MICHAEL
R, HAILY COTTERILL, KELLY
RE, ALANA DYCK, JUSTIN
RRICK FOK, VANCE FOUGERE, THOMAS
MARNIE GENG, YINGGE GEROW, KIRA
BY GUNDERSON, ALISHA
SSANDRA HSIEH, YU PING
HNSON, MIKE KANG, BYUNG-HEE
AMELA KUDRYCKI, MACIEJ
RITY LETHWAITE, ANDREW
ANN MACK, SARA MACLENNAN, BOBBI
ETRICK, MATT MELO, SUZY
, DEBRA OLIVSON, ALEX ORR, CATHERINE
CZEK, PRZEMEK REISCHEK, KRISTIN
RRASIN, MELISSA SAXTON, DAVE

warehouse 016 is now available

the sixteenth annual non-profit student initiated publication documenting work in
design and architecture from the Faculty of Architecture at the University
of Manitoba.

for a preview of the journal's content go to www.warehousejournal.org

to purchase a book or for more information contact:

Warehouse Journal
319 J.A. Russell Bldg
Faculty of Architecture
University of Manitoba
R3T 2N2

p. 204 474 47288
e. warehousejournal@gmail.com



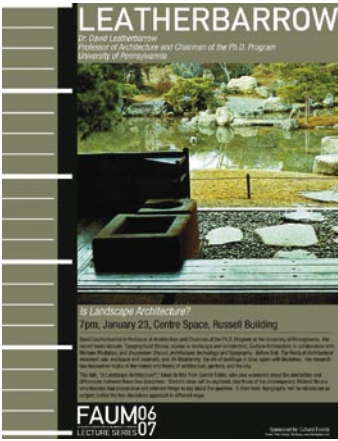
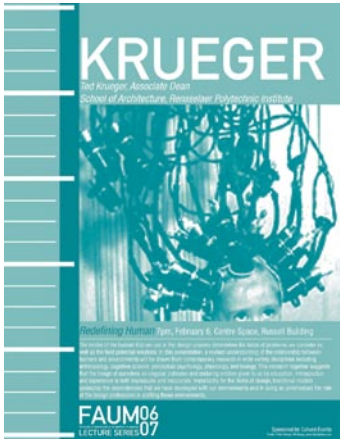
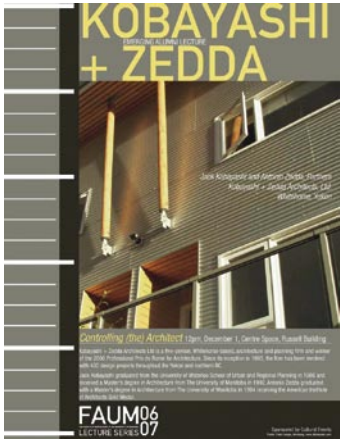
The Faculty of Architecture Lecture series of 2006-2007 was by many accounts one of the best in recent memory. Through both semesters, a mix of over twenty professionals, academics, artists and others made presentations.

Dr. Patricia Juncosa, Assistant Curator at MOMA in New York, spoke about how design relates to and confronts issues of fear and safety. The talk was based on the recent show at MOMA entitled SAFE: Design Takes on Risk.

Peter Busby, Managing Partner at Busby Will + Perkins in Vancouver, gave the Allan Waisman Lecture on his position towards a sustainable practice.

Brent Toderian, Director of Planning for Vancouver, lectured on what is not taught in school.

Jack Kobayashi and Antonio Zedda, alumni who have established themselves in Whitehorse discussed their work and specific responses to practicing in a northern climate.



On a trip to snowbound Winnipeg, Peter Cook unearths delights beyond the radar of the conventional architectural circuit

by Peter Cook, reprinted by permission of Peter Cook and The Architectural Review, April 2007

It was an Indian restaurant, as a matter of fact, where I can remember a very off-the-cuff Peter Eisenman, commenting on a piece of gossip that (let's say) Charlie had moved to (let's say) Zagreb. 'Is there a scene in Zagreb?' he asked. Everyone around the table knew what he meant. Was there more than one other person that Charlie could talk to? Would Charlie lose out on his well-known networking? Would he lose out on his penchant for that special itchy, busy, discomfiting – but often incisive – pushing and scratching that goes on in London, New York or Vienna. The implication also, was that neither P. E. or anyone else present would bother to go and find out – if there was no scene there.

We sit in these highly disturbing and sometimes destructive cities where, of course, everyone will come through: so that's alright! We can continue to do as much or as little about things, comfortable in the thought that we are part of a 'scene', meeting to compete with our friends as to how many fashionable people we have listened to (or at least were seen to be in the audience of) – and my God!



The Architectural Review, April 2007

One or two of them said 'hello' at the bar: so that's alright.

All this came back to me two weeks ago as I made the day-long air-schlep back from Winnipeg (Manitoba, in case you wondered), (Canada, in case you wondered) and its 18 centimetres of snow for six months. Halfway between Hudson's Bay and Minneapolis. Once a great trading centre, with a few handsome bank buildings of a hundred years ago and some tough old warehouses plus a sizeable Chinatown.

I had been 28 years before – because when I was young I did that sort of thing. This time I went to see my friend Nat Chard who must be one of the cleverest Head-of-School appointments in recent times: someone who not only draws,

but invents machines that investigate the mechanics and optics of drawing, has droves of loyal ex-students from London and Copenhagen, is genuinely supportive of the work of others (and has suppressed his expertise on cladding panels, now that he's a beak). Unsurprisingly, we fell into talking about a guy called Mark West, who my wife had discovered on the internet 'doing really weird stuff' in concrete'. Indeed so, with the full whack of Canada-at-its-best, which is when it is pumping grant money into creativity, not just abstract research. We found him in an airy, purpose-built laboratory, laconic violin music wafting through it, Mark showed us his folded, evocative, drifting white concrete experiments. No boring old Building Research Establishment panels here!

Then, to dodge the snow, down a tunnel between buildings, past a small room with dozens of clocks and a blinking inmate (don't ask me why). On to another room – of revelation – because this same Mr West has been drawing, for years and years. As a close friend of Mike Webb and Lebeus Woods I must now tell them to find another seat round the draughting-table. West's many pencil drawings are thematically, technically, spatially dynamite – and then you realise that the physical experiments themselves are but life striving towards art – justifiable manifestations of a visionary's dream. Up to Nat's own room – and more weird, experimental gadgets to combat the lines of books and inter-departmental memos that are the

standard stuff of chief beaks. Down into 'town' – a collection of brooding old hulks that contain an unusually large number of artists' lofts and galleries. Like Buffalo, a nearly-forgotten city that is cheap and attracts artists – and maybe where they don't get hustled as they would in New York or Toronto. Conversations after my lectures were informed, creative, totally without sycophancy: straight into the food and drink without the 'hello-hello' stuff.

Pondering on this, I remembered that it was here in Winnipeg that the 1960s-70s art movement 'General Idea' had been born: spawning 'FILE' magazine that, of course, you took to be 'LIFE' magazine from the graphics, and then discovered the existence of (real?) live Anna Banana along with a walking Mr Peanut and their friends. Of course, like Pat and John Patkau (still Canada's best architects), they eventually left town. Yet if one is seriously interested in what is done, what is thought, what is mulled, what is crafted, what will lead to something, what is allowed to be original – one ponders upon this question of the scene.

Perhaps. No really, there is a scene in Winnipeg and the problem with Zagreb (or wherever) is that it's too near to everywhere else. ■



4

Architects Without Borders Canada (AWB) provided technical assistance with the international aspects of the project. They assembled interdisciplinary teams for a series of design workshops that helped us complete a complex project in a relatively short period of time. AWB also located mentors with experience working and living in India who extensively shared advice, resources, and stories based on their knowledge of Indian culture and climate.

What the students accomplished over the course of a semester represents a wide range of design solutions and explorations. Notable are the ‘templates’ that challenge the North American perspective on healthcare design and actively seek solutions that are contextually responsive. Other compelling projects forcefully question the privileging of sight over the other senses through the development of space that can be understood and enjoyed by all.

Beyond the completion of the studio design experience, A Template for Eye Clinics in South India continues to inform the Vision Foundation as the organization moves towards the goal of increasing access to eye care to people in rural communities. AWB, and number of the studio participants, hope to provide further assistance to the non-profit organization as they move towards building their first clinic in 2008. ■

A Template for Eye Clinics in South India

by Kelley Beaverford, Assistant Professor, Department of Interior Design

The statistics are staggering. An estimated one-third, or 12 million, of the world’s blind population lives in India; many have no access to testing facilities, or even basic eye care.

80% of blindness is preventable.

One of the greatest challenges that medical professionals in India face is their inability to care for people living in rural villages. To help meet this need, Vision Foundation asked the MID Studio One to develop a Template for Eye Clinics in South India. The ‘template’ is to provide the non-profit organization with schematic programs and architectural designs that could be used for fundraising and future development of eye hospitals in the region. Through our partnership with Vision Foundation, we have explored the potential for a design studio to assist a humanitarian organization in their struggle to provide eye care to low-income communities.

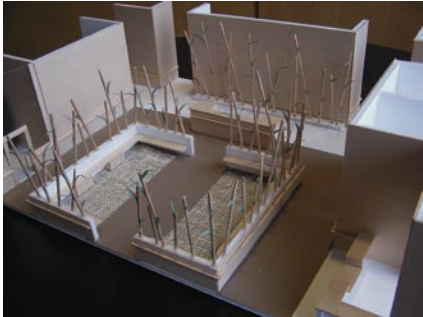
Motivated by the commitment of Vision Foundation, the students and I

accepted a mission beyond the scope of a traditional studio project. The ‘studio binder,’ a typical collection of pre-design information, failed to help us see beyond our own space, time, and social realities. Although later useful, the binder initially served as a reminder that without community engagement it is nearly impossible to make the connections needed to develop respectful and effective strategies for the production of space. Faced with the reality of a distance between the client and designers, we turned to the local community for help.

After contacting the Ophthalmology Department at the University of Manitoba, we had a list of professionals willing to lend their time and expertise to the project. Fully decked out in surgical

scrubs, we toured local offices and operating rooms. We interviewed professionals who treat operable eye conditions and learned of the relationship between their work and the physical environment they need to provide patients with care. We compared what we saw in Winnipeg with the notes and photographs of vision care in India and discussed our observations with local professionals.

With the program well underway, we still lacked the connections we were looking for to respond to the humane and poetic aspects of the design. With this in mind we booked several appointments with the Canadian National Institute for the Blind (CNIB) to learn more about living with vision loss in an ocular-centric world. Mobility instructors introduced us to ‘ocular sets’ designed to simulate eye conditions such as cataract, glaucoma and vision loss due to diabetes. These simple devices were effective in teaching us about the impact of colour, pattern, and light on the perception of space for people with vision loss. Perhaps the most memorable experience was a tour with a mobility instructor who taught us how to ‘read’ space through shadow, touch, scent and sound. This reminder to ‘design for the senses’ made us all want to run back to the studio to examine the roles of the other senses in architectural experience and to rethink many characteristics of the evolving design solutions.



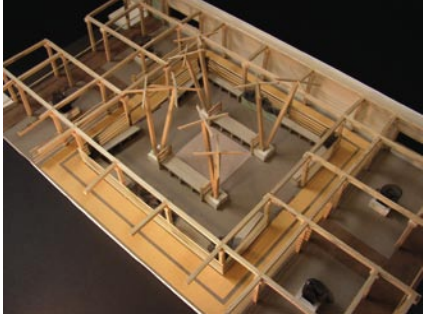
5 Lauren Bachynski



6 Lauren Bachynski



7 James McCallan Malamentios



8 James McCallan Malamentios



2



3

Working with the Next Generation of Designers

by Kelley Beaverford, Assistant Professor, Department of Interior Design

On December 26, 2004, I sent my first email to Architects Without Borders. The tsunami had just taken the lives of more than 225,000 people in 13 countries and left over four million displaced (Sinclair, 2006). The coastline of Sri Lanka, home to personal friends and former co-workers, was one of the areas hardest hit. This was a turning point, not just for me, but for an entire movement for socially-conscious design. Like thousands of others around the world, I submitted my application as a volunteer to assist in recovery efforts. Craig Williams, founder and director of AWB North America, had a better idea.

Architects Without Borders (AWB) is a non-profit organization committed to providing architectural responses to humanitarian crisis. Through education and services, it fosters respectful collaborations between professions, aid organizations and communities to develop socially empowering environments. After the 2004 tsunami the AWB North America website received hundreds of emails per day from students offering to volunteer their services. Unfortunately, almost all of them were turned away due to lack of preparedness to work in complex situations. Although exceptionally experienced professionals are required immediately after a disaster, the years of reconstruction to follow could benefit from the combined efforts of all members of the design community – including students. In Craig's email reply, he asked if I would be interested in sharing my skills as an educator to establish the first youth-focused chapter of AWB in Canada.

This idea builds on a youth culture — less than 30 years old — in Canada that demonstrates leadership in anti-corporate globalization, labour activism, anti-war movements, and community economic development. Organized student groups across the country have mobilized volunteers concerned with housing policies, poverty and the privatization of health care. What sets the young activist apart from previous generations is that the political perspective is more likely to link local to global goals (Shragge, 2003). The youth-driven success of American organizations such as Unite for Sight and Architecture for Humanity, demonstrates the potential for youth to make things happen – especially when working with experienced professionals.

In the fall of 2005, Craig presented the work of AWB North America in Winnipeg. On the following day, we offered a workshop for anyone interested in helping to establish the new chapter. This chapter, unlike the others, would encourage equal participation from students and professionals and would be hosted by the Faculty of Architecture. The goal, both then and now, is to connect communities to good design by working across culture, disciplines and social realities. Little did I know that less than two years later a small group of like-minded people, would grow to more than 70 members in Winnipeg with emerging chapters

in Vancouver, Calgary, Montreal and Toronto.

The youth membership brings an incredible amount of energy and optimism that continually inspires our partners and professional members. In the past two years we have been involved in 25 projects and events in 10 different countries. With professional designers involved as mentors and consultants we have worked internationally on schools, clinics, and orphanages. Our Winnipeg-based efforts have supported local non-profit organizations including Habitat for Humanity and Art City. We have also held several fund-raising events in support of a school in Sri Lanka and a children's food program in Kenya.

When I think back to my the initial email exchange with Craig I can remember feeling disappointed. Like most of the volunteers that day, I was hoping for an assignment that would immediately result in overseas travel. What I received instead was a lesson in capacity-building and working with the next generation of designers. I have also learned that watching a young group of designers mobilize volunteers into action is something worth staying home for.

References

- Shragge, E. (2003). *Activism and Social Change: Lessons for Community and Local Organizing*. Toronto: Broadview Press.
- Sinclair, C. (2006). *I Hope it is a Long List...Design Like you Give a Damn: Architectural Responses to Humanitarian Crisis*. Ed. Architecture for Humanity. New York: Metropolis Books.

For more information on Architects Without Borders Canada contact:
Professor Kelley Beaverford
t 204.474.8654
kelly_beaverford@umanitoba.ca



The Habitat design team was made up of Faculty of Architecture (UM) students and recent graduates from all of the programs in the faculty. The teams were mentored by Professor Neil Minuk, Professor Kelley Beaverford and Peter Sampson. Approximately 40 students from University of Manitoba, University of Winnipeg, and University of Calgary, participated in the construction of the house.

Maralbo Street Visitable House

by Laura Rempel, Lindsey Glushka, Mike Johnson, Danielle Whitley, Students and Recent Graduates

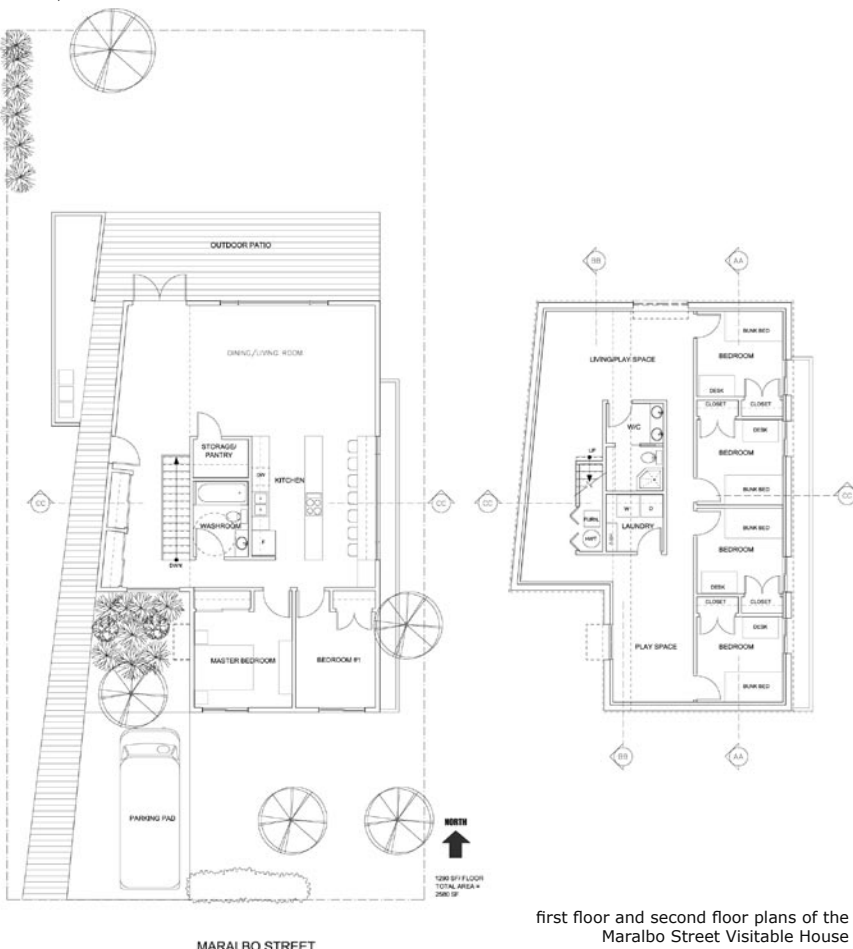
The 9+2 was designed by Architects Without Borders (AWB) Canada in collaboration with Habitat for Humanity Winnipeg. AWB in a non-profit organization committed to assisting communities affected by poverty, disaster or pandemic.

The task of designing this home included accommodating eleven people comfortably withing a 110 m² house, while maintaining Habitat for Humanity's mandate for affordable housing. The AWB team established efficiency and livability over time to be the main design intentions for the 9+2 House. We determined that integrating visitable housing and environmental sustainability would help us accomplish these goals.

The AWB team worked with and exceeded the three minimum guidelines for visitable housing. We included a level no step entry, 900 mm wide doorways and a full bathroom, with a 1500 mm turning radius, on the main floor. We recommended additional features such as an open main floor plan for flexibility, bedrooms of the main floor, lever door handles and lowered

light switches (900 mm off the floor) for a more efficient living environment. These features were simple to include and contributed to a more inclusive design that adds an invisible layer of access.

The main feature of the house is a gradual sloping ramp that is well-integrated into the planned landscaping. It becomes an extension of the deck element leading you from the street to the main entrance, narrowing at the storage shed before expanding your view out into the back garden. In many cases ramps are added to the design later, and thus are perceived as any eyesore; in this case the design intention was to make it a focal point, integrate it fully into the design and be an integral part of form the dwelling form. ■



first floor and second floor plans of the Maralbo Street Visitable House

Nepal for Architecture: U of M Architects Build Bamboo Homes in Nepal

by Peter Diamant (B.Arch. 1970) and Ruth Diamant



In June 2006, the last graduating class of the Bachelor of Architecture program met in Vancouver to celebrate 35 years of professional practice. The renewal of old friendships and the memories of five years together in the halls of the Russell Building are not forgotten.

The reunion's success spawned the Canadian Architects' Legacy Fund, a revolving fund established to micro-finance no-interest loans to economically disadvantaged families in Nepal. To date, the graduates have raised and donated to Habitat for Humanity International \$35,000USD.

At the invitation of Habitat for Humanity Nepal, Stan Britton arranged for twelve representatives of the Fund (seven architects, three spouses, one daughter and one son) to travel to Nepal in November 2006. We worked on the construction of three bamboo houses near a small village surrounded by tea plantations high in the steep approaches to the Himalayas. We cut and split bamboo, wove strips of bamboo into walls, plastered the walls with a mixture of mud, sand and cement and created aggregate by breaking stones with hammers. No steel toes, hard hats or goggles but bemused instruction with lots of smiles and hot tea from the participant families.

One of the houses was the 1500th house built in Nepal by Habitat. This house used a unique panelling imported from India for the walls and roof, long slivers

of bamboo woven into large mats and laminated in sheets. An objective of our visit was to investigate the feasibility of fabricating the corrugated roofing sheets in Nepal by establishing a women-led and -operated micro-enterprise to cultivate, harvest and weave the bamboo and to fabricate and distribute the sheets. Women will do the weaving as a 'cottage' industry and Norm Glouberman has offered the assistance of ARCOP in the design and drawings of the panel fabricating plant.



U of M alumni with Nepali locals



a completed bamboo house

Subject: LEGACY PROJECT UPDATE No. 2
From: Stanley Britton
Date: Thu, 14 Sep 2006

Dear Legacy Fund Members,

Attached is a letter-of-appreciation from Habitat's Senior Vice President for Development. I have been advised by our HFHI-Nepal colleague, Aruna Simittrarachchi, that our Canadian Architects' Legacy Fund donation has arrived at the South Asia & Pacific Regional Office in Bangkok and is currently in the process of being transferred to Nepal.

Today, I can report that our representative Legacy Field Trip team comprises Norm Glouberman and daughter Tamar (Montréal), Peter and Ruth Diamant (Winnipeg), Brian and Lynn Eldred (Swift Current), Ted Baldwin (Calgary), Gordon and Connie Richards and son Ben (Vancouver), George Strome (Hong Kong) and me (Wakefield QC). Timings: 18 November to 3 December. The team will be conducting on-job training in bamboo lattice and laminates construction by helping twelve low-income families build new homes. These will be the first houses to come off the Legacy Fund's micro-finance assembly line. The location is Ilam in Nepal's tea plantation region in the southeast Himalaya foothills.

Habitat has received approval-in-principal from SOS Children's Villages Nepal to engage a Pilot Project to micro-finance and help build 100 houses for its Family Strengthening Program in the southern town of Itahari. When successful it is expected that additional projects - potentially 2300 houses - will be undertaken at the seven other SOS CV locations in Nepal. This is an initiative conceived, facilitated and, in part measure, financed by our Legacy Fund. By way of added value, an agreement has been struck between the Eldred's Swift Current Rotary Club and the Rotary Club of Itahari to find ways to enrich the Canadian contribution in-cash and/or in-kind.

To quote from our editorial submission for publication in December's issue of the University of Manitoba Alumni Association journal 'On Manitoba':

"Ours is a gift that will keep on giving and giving honour to Canada's premier school of architecture."

Cheers!
Stan



Dr. Bill Norrie receiving the plaque from Habitat for Humanity
I to r: Barrie Ottenbreit, Past-President 2006, Manitoba Association of Architects; Peter Diamant; Dr. Bill Norrie, Chancellor of University of Manitoba; Helen Norrie; and Dr. David Witty

sented each of us with a plaque bearing a miniature house, of bamboo of course. The whole experience - the enchanting people, the manual labour, the magnificent mountains, the steep green slopes of tea plants, the daily fog rolling into the village, the smoky atmosphere, the mountain paths, the twisting roads - we will always remember!

At the Annual Meeting of the Manitoba Association of Architects this April, U of M Chancellor Bill Norrie was presented with a plaque from Habitat for Humanity Nepal thanking the University for the gift of the alumni "to help ensure that one day no Nepali child will be without a home".
Namaste!

For more information or to contribute to the fund:

Stanley Britton Peter Diamant
t 819.459.3210 t 204.284.6910
sbritton@3web.com pdiamant@mts.net



building a bamboo house



the communication systems group designed logos, posters and other social marketing tools

Sustainability and The University

by Dr. Sheri Blake, Professor, Department of City Planning

During the Winter Term (2006-2007) students in the Master of City Planning program participated in a studio on Sustainability and The University. There were several objectives of the studio – to explore precedents and baseline data, to develop engagement strategies, build literacy and communicate the results.

They examined case studies in North America and Europe on communication systems, green purchasing, student farms, food services and local food purchasing, ecological footprints, hydro conservation, water management, demonstration projects and a regional governance approach to sustainability. The focus was on organizational barriers to change and the systems necessary for success. With the support of the University of Manitoba's Sustainability Coordinator Maire McDermott and various key stakeholders on campus, students settled on five key areas

to explore in more detail – campus communication systems, organic waste, green campus planning, green purchasing and transportation (with a focus on reducing the use of cars on campus).

Engagement strategies were designed to focus on various subcultures in The University of Manitoba, including students, faculty, administrators and support staff. Strategies were intended to build literacy about critical issues, while drawing out local knowledge.

Students, working on campus communication systems, tested a range tools and techniques. These included street stalls in high traffic areas with posters to gauge awareness of sustainability. Professors were e-mailed surveys to determine how much they valued and disseminated issues about sustainability. Design games using collage art were held with students to identify images for a central brand logo. Design consultation was held with the University's Environmental Sustainability Committee. From this work, communication strategies that emerged included sustainability "stories," sample

logos that could be tested with a range of audiences, and social marketing strategies using posters, radio ads, and YouTube video shorts. Principles of effective marketing were included, along with a deconstruction of the University's website and recommended titles for menu links to increase the visibility of the sustainability message.

The organic waste group conducted food waste audits in Pembina Hall, a student residence. They took the opportunity to build literacy about the negative impacts of garburators and alternative strategies such as composting and related energy reduction strategies. Posters, pamphlets and feedback sheets were also used, in addition to one-on-one communication. The students then examined eleven potential sites for a composting/biogas plant on campus. Design brainstorming included opportunities for campus beautification,



student engagement at Pembina Hall by the organic waste group

and programs were proposed. This was a particularly difficult audience to reach and speaks to the need for increased education and support for this subculture before any significant change can occur.

The transportation group identified university professors as a major source of the problem related to car usage. They used guerilla marketing techniques, marketing principles for consumer behaviour, and an analysis of problem awareness and addictions counseling to develop "The Problem Driving Institute Website." The website



banner used on the University of Manitoba's Problem Driving Institutes's website, www.idrivetoomuch.ca

awareness-raising, energy planning, green buildings, healthy food production, raising animals, naturalization, interactive education and pedestrianization. Further engagement of students using street stalls in high traffic areas on campus included food waste audit results, composting and biogas education, and interactive posters to allow for collage art related to further site design. Students developed initial design proposals for four key sites.

The green campus planning group used interactive displays on ways to reduce greenhouse gases (GHG), along with the opportunity to identify desirable and undesirable landscapes to guide future design decisions. They used a range of techniques, including street stalls, dot-mocracy, design charrettes, examination of design factors, and additional case studies of demonstration sites at other universities. They also provided an analysis of federal, provincial, municipal and university policies and programs related to GHG emissions and sustainability. They examined several key sites and conducted site analysis proposing opportunities for sustainable projects.

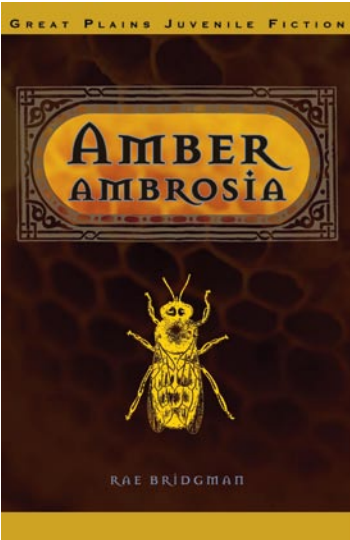
Green purchasing focused on administration support staff, examining their degree of knowledge on the subject. Techniques included e-mail surveys, key informant interviews, pamphlets to build literacy and draw out key information, and case studies on green purchasing at a range of universities. Various initiatives

identified driving as a widespread disorder or disease and proposed solutions for behavioural change, including a "counselor," Dr. T. Ransit. Students developed and posted public service announcements and conducted interviews to raise awareness on the UMFM radio station, placed posters around campus, leaflets on cars, an article in the Manitoba, for sale signs of vehicles supposedly from professors who had seen the light, and distributed buttons to remind the general public of sustainability issues in relation to public transit. For two weeks, they posted signs on University Crescent – "Are you a professor...who drives everyday? We can help... www.idrivetoomuch.ca." The range of engagement and communication strategies related to problem driving received extensive media coverage and heavy website usage. Messages, in support of the strategy, came from as far away as Tasmania in Australia.

The university has a population of over 30,000. Yet, the silo effect and so many different subcultures makes it difficult to create real change. The Sustainability Coordinator needs your help.

If you wish to support change, contact:
Maire McDermott
mcdermot@cc.umanitoba.ca

For further information about the studio, contact:
Dr. Sheri Blake and Professor Robert Nicol
blakes@cc.umanitoba.ca ■



Bridgman delivers Amber Ambrosia

by Dale Barbour, The Bulletin (reprinted in part, with permission)

Rae Bridgman has returned to the hidden city of MiddleGate.

The city planning professor and associate dean (research) with the Faculty of Architecture has just released *Amber Ambrosia*, a follow up to *The Serpent's Spell*.

This time the two young protagonists Wil Wychwood and Sophie Isidor are trying to discover why MiddleGate's honeybees are falling sick. Along the way, they find themselves transported into the Great Nest and get a bee's eye view of the world.

Bridgman said it was a pleasure to pick up the series where she left off in *The Serpent's Spell* – with the Serpent's Chain, a secret magical society, showing signs that it was about to return. Of course, in her own mind, she's never really left MiddleGate, a magical realm, that's accessed through a hidden gateway in Winnipeg's exchange district.

Bridgman wrote and illustrated *Amber Ambrosia* during a nine-month sabbatical from the U of M.

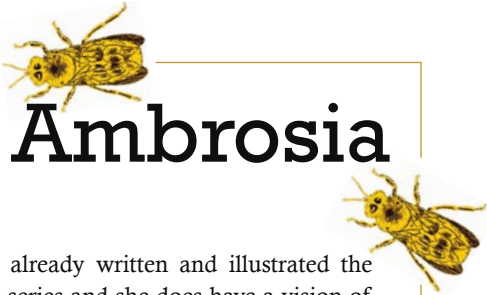
Research for the university took centre stage during the sabbatical as she spent time documenting a housing project in Toronto. Detailing the hidden city of MiddleGate was a pleasure snatched in the moments of free time between work and family.

The anthropologist in Bridgman shines through in *Amber Ambrosia* when she speculates about what a world of honeybees (or a city of wax) might look like and how the language of bees might be articulated.

Bridgman has already written and illustrated the third book in the series and she does have a vision of where she wants to take the MiddleGate story arc.

Of course, the nature of the publishing business is that sales determine which books get published. Great Plains Publications liked the response enough to *The Serpent's Spell* to offer Bridgman a contract for *Amber Ambrosia*, but the series will have to pay its own way on a book by book basis.

"It's a little hard on the one hand, because you think 'What if they don't want to publish the books? But on the other hand if you don't have a contract your writing isn't tied down to a deadline for when the next books need to be done," Bridgman said. "So far, Great Plains seems to be pleased with the series. And the French language rights for the first book have been sold, so I'm looking forward to reading *The Serpent's Spell* en français!" ■



City Planning Report

by Dr. Ian Wight, Head and Associate Professor, Department of City Planning

CAPS 2007

Context Awareness for Proactive Systems (CAPS) 2007: the highlight of the 2006-2007 academic year from a City Planning perspective was almost certainly the hosting by University of Manitoba Association of Planning Students (UMAPS) of the CAPS 2007 conference in early February <<http://www.plannersfortomorrow.ca/2007/about.html>>. Pretty cold weather, but very warm hospitality – the trademark Manitoba friendliness – greeted over 100 registrants, with strong representation from most other planning programs in the country.

On the theme of 'Cultural Planning – Integrating the Everyday', there was a rich offering of meaty paper sessions, meaningful public outreach, positive interaction with the local professional practitioner community and a series of rich engaging mobile workshops. The conference closed with a presentation by John Lorinc, author of *The New City*, to complement mini-symposia evenings featuring indigenous planning and arts-based/culturally-sensitive planning. Cudos especially to Justin Lee, the conference chair, and his very capable team for organizing an excellent conference that did the program – and the university and the city - proud!



Dr. Ian Wight at Taking the Pulse of Practice 2007

P4T

CAPS 2007 had a tough act to follow – the P4T (Planners for Tomorrow) extravaganza in Vancouver in June 2006, in association with the World Planners Congress and the World Urban Forum. A very large contingent of CP students was able to participate thanks to a major \$6500 fundraising effort, involving the Department and Faculty's Endowment Funds (\$2500 and \$1500 respectively) and a very generous extraordinary contribution by MPPI (\$2500). The UM students mounted a successful bid to host CAPS 2007, and the rest is now history (see above). A final P4T legacy was an essay competition, won by **Marcella Poirier**, with **Katy Walsh** as the runner-up. Their essays can be viewed on the MPPI website <<http://www.mppi.mb.ca/planningIssuesAwards.asp>>.

Community Engagement Studios

The Department is now mounting five studios each year, two in the Community Design Option (in the Environmental Design program) and three at the Masters level. In each case there is a strong community outreach effort, and associated engagement initiatives. The first Community Design studio, led by **Catherine Charrette**, worked in the North End with the Sinclair Park Community Centre board, which was highly appreciative of the students' contributions. The second CD studio, led by **Mike Robertson**, focused on urban aboriginal interface issues in the South Point Douglas area, ending with a packed presentation (needing two 'sittings') at the Aboriginal Centre of Winnipeg.



students enjoying themselves at the Taking the Pulse of Practice 2007 held at the MAA/MPPI offices on Bannatyne Avenue
back l to r: Matt Glavin, Jason Locke, Brett Shenback, Katy Walsh, Allahyar Raza
at table l to r: John Koch-Schulte, Tamara Peralta, Lyndsey Graham Dyck, Simi Sandhu

The CP M1 Fall studio, led by **Dr. Richard Milgrom**, focused on the Selkirk Avenue streetscape, addressing several current issues, and culminating in presentations at the new Winnipeg Education Centre facility on Selkirk. This cohort then went on to their second studio, led by **Dr. Sheri Blake**, assisted by **Robert Nicol**, focusing on UM campus sustainability issues – with many useful 'deliverables' for the Campus Sustainability Coordinator (see page 19).

The M2 Fall studio, led by **Gerry Couture** and **Robert Nicol**, again focused on urban aboriginal interface issues, with two major group projects: Urban Tapestry (an arts and cultural village, at Logan and Main) and the Centre for Living Culture (a multi-tenant non-profit centre for aboriginal arts and culture). Another valuable orientation to aboriginal culture was provided by Jules and Margaret Lavallee from Red Willow Lodge. This studio also benefited from a successful road-trip/field-week (led by Nicol and Milgrom) to Regina and Saskatoon, to study precedents there.

In the process of the road-trips, some strong networks and important relationships are being forged, which we hope will be furthered strengthened through an indigenous planning education exchange program being led by **Dr. Ian Skelton**.

MPPI/UMCP Relations

We continue to enjoy excellent relations with the Manitoba professional planning community, and benefit greatly from contributions by MPPI members and MCP alumni to many aspects of our program – sessional instruction, MDP examining committees, case-in-point collaborations, mentorship and internship programs – to name a few.

Of particular note, MPPI now sponsors regular awards for the Best MDP (Thesis/Practicum/Design) and the Case-in-Point awards of excellence. **James Platt** received the 2006 Best MDP award (runners-up: **Chrsta Jacobucci** and **Cheryl Selig**). **Richard Borbridge** – in collaboration with **Derek Eno** in Winnipeg, and **Kirsten Robinson** in Vancouver (both MCP alumni) – received the Grand Prize for the best Case-in-Point collaboration. It, as well as those receiving a special commendation (**Stephanie Long**, with **Andrew Young** MCIP, Coquitlam BC) or honourable mention (**Marcin Pachcinski**, with **Gerry Couture** FCIP), can be viewed on the MPPI website <<http://www.mppi.mb.ca/planningIssuesAwards.asp>>.

Taking the Pulse of Practice 2007

This now annual celebration – a convocation from coursework for the M2s, and a toast to those graduating in the academic year – was held on April 12, 2007. In addition to their case-in-point work, the Class of 2005, affectionately

nicknamed 'the P4T Cruisers', offered a collective statement to the profession, summing up their intentions as they transition to practice (see grey box below). The program also included a mini-convocation address by City Councillor **Dan Vandal**, and a toast to the grads by Senior Scholar, **Basil Rotoff**. There is a DVD of the event, available upon request.

Manitoba Planning Conference 2007

The Department again partnered with several organizations, including MPPI, to organize the 2007 Manitoba Planning conference, in Morden-Winkler in March. On the theme of 'Planning Works: Building for Success' the conference attracted over 300 people, many of whom also took in pre-conference workshops sponsored by MPPI and UMCP. This helped raise funds to enable the participation of around 10 of our students to attend, adding a very valuable youthful presence.

Faculty News

Dr. Rae Bridgman completed a nine-month leave in May 2007, and was able to advance several projects, as well as her authoring of children's novels – an ideal complement to her work on child/youth-friendly planning and design. **Dr. David van Vliet** completed the second of a pair of six-month leaves that have focused on the work of MILUnet – a mainly European consortium of researchers focusing on multi-functional intensive land use arrangements, complementing his urban ecology work. **Dr. Ian Skelton** continues to edit the special annual 'Canadian Planning and Policy' issue of the Canadian Journal of Urban Research. **Dr. Richard Milgrom** is co-chair of the Planners Network international organization, and has been activity engaged in building a PN Manitoba chapter – so successfully that it will be hosting the 2008 PN conference. Richard is also on the Plan Canada Editorial Board, with a special remit for refereed articles. **Dr. Sheri Blake** is looking forward to a leave and some release time in the coming year, to work on her major grant projects, including more video-documentary projects. **Dr. Ian Wight** has been active in a programming capacity for the CIP 2008 conference and in liaising with MPPI on several fronts.

City Planning External Awards

City Planning students continue to feature prominently as recipients of major Faculty awards. **Tara Carnochan**, a new

MCP Class of 2005 Collective Statement to the Profession

Sustainability, mutual knowledge sharing, respect, design and creativity are all catalysts for systems change. We will dismantle traditional professional silos and form new working relationships. We will challenge each other to grow and evolve and to resist complacency. We will commit to sustained community involvement. We, as future planners, will create a holistic planning system that balances environmental, economic, cultural and social equality values.

M1, garnered a Manitoba Graduate Scholarship. **Marcella Poirier** and **Shelagh Graham** were awarded UM Graduate Fellowships. **Stephanie Whitehouse** won the competition for the grant-in-aid offered by the Canada Lands Company for an MDP proposal related to redevelopment of the Kapyong Barracks site. **Fereshteh Moradzadeh** received a major grant from Manitoba Hydro to support her MDP work.



PLANNING BY DESIGN
IN COMMUNITY:
MAKING GREAT PLACES
HEALTHY
CARING
INCLUSIVE
& GREEN

The Year Ahead

A particularly special year is in store for the Department in 2007-2008. In November there will be a periodic intensive review of the program by CIP for accreditation purposes. We will also be heavily involved in staging two major planning conferences in Winnipeg in July 2008. The CIP national conference will be held July 13-16 on the theme 'Planning by Design in Community: Making Great Places' <<http://www.cip-icu.ca/english/conference/2008conference.htm>>. This will be followed by the international Planners Network conference from July 17-20. Mark your calendars now. And looking further ahead, we are beginning to think about celebrating our 60th anniversary as a graduate planning program, with early planning for a major event, tentatively scheduled as part of the September 2010 UM Homecoming celebrations. Perhaps several classes will consider organizing reunions to coincide.

We have also begin to work with our Landscape Architecture colleagues to jointly offer a new two-year 'Landscape + Urbanism' option as part of the reformed Environmental Design program. We also hope to contribute some of our Community Design suite of offerings to the new Interdisciplinary Studies option, also being developed as part of the ED reform. Finally, we continue to position ourselves as a Department of City Planning by Community Design, very much involved in the great place-making business!

Websites

CAPS 2007

<http://www.plannersfortomorrow.ca/2007/about.html>

MPPI Awards (case-in-points)

<http://www.mppi.mb.ca/planningIssuesAwards.asp>

CIP 2008

<http://www.cip-icu.ca/english/conference/2008conference.htm> ■

Landscape Architecture Report

by Ted McLachlan, Head and Professor, Department of Landscape Architecture

It has been an exciting year of change in our Department. In the spring we were able to move back into the Russell Building studios after being crammed into a variety of spaces while the Russell Building was being re-skinned.

This year we also welcomed **Brenda Brown** as a new Assistant Professor replacing the position that Dan Nuttall had held. Brenda brings a wealth of design, ecology and art-based research and practice to our Department. This fall, we welcomed **Dietmar Straub**, a Landscape Architect from Germany as an Assistant Professor in our Department. Dietmar is filling the position held by Seiko Goto who has moved to a position at Rutgers University in New Jersey.

Enrollment in the program continues to be strong, with eleven students in the Environmental Design 3 Landscape Option, seven in Pre-Masters, eight in Masters 1, twenty-one in Masters 2 and, twenty-five in Thesis/Practicum. There were six graduates this past year:

Lise Benningen
Fashion + Landscape: A Bricolage Navigation
advisor: Karen Wilson Baptist

Kathryn Glendinning
Unearthing Pipestone: A Design Strategy for the Proposed Pipestone Creek Dinosaur Museum
advisor: Alan Tate

Tammy Hoogland
The Currents, Waves, and Undertows of Stress: Designing a Waterscape at Winnipeg Beach
advisor: Karen Wilson Baptist

Shauna Prociuk
Integrating Stormwater Runoff and Open Space In The Development of a Residential Neighbourhood
advisor: Jean Trottier

Reese Cowan
Avian Urban Dwellers: Opportunities to increase Bird Habitat and to enrich the Human - Urban Birds experience within Winnipeg's Urban Environment
advisor: Ted McLachlan



first prize in the Barkman Concrete Competition: the Barkmanbench by Leanne Muir

Elizabeth Wreford Taylor
Field Works: Explorations in the Tall Grass Prairie Landscape
advisor: Richard Perron

This was also a year of a number of significant awards for faculty and students. **Professor Alan Tate** received an award in the category of Research from the Landscape Institute in Britain for his book “Great City Parks”. Alan Tate was also honoured with the Andre Schwabenbauer Award in recognition of his dedication to the CSLA Awards Program.

Professor Ted McLachlan was awarded the Ralph Campbell Outreach Award from the University.

Alison Scott was awarded a 2006 student design award by the American Society of Landscape Architects for her Practicum work *Full Bloom*. Her advisor was **Dr. Marcella Eaton**. The project was also featured in Landscape Architecture Magazine.

Alaina Prokopchuk was selected as a finalist for the Shahneshin Foundation: Shrinkage Worldwide Awards (SWA) for her project *sWell*. Her advisor was **Dr. Richard Perron**. The jury's selec-

tions were showcased as a public exhibition at the Seeschau Pavilion in Zurich in December and the award was presented in Qatar this spring. Alaina also won 3rd Prize in the Student Poster Design Concept competition put on by The Canadian Design Research Network (CDRN), Autodesk and the Network of Centres of Excellence of Canada. Her submission was based on a new concept of sustainable forest management.

In 2006-2007, **Jay Hallett** and **Ian Legge** were successful in receiving University of Manitoba Graduate Fellowships and **Mike Klassen** was successful in the Manitoba Graduate Scholarship Competition.

This was the third year that we held the Concrete Site Fixture Design Competition sponsored by Barkman Concrete. The competition was to design a concrete bench for use in a variety of urban situations – first prize went to **Leanne Muir**, second prize to **Erin Ediger** and third prize to **Amanda Yakichuk** and **Allan Rosnes**.

Over the past year we have been fortunate to have a strong contingent of profes-

sionals teaching in the Department. **Rob Zonneveld**, **Wendy Simonson** and **Geoff Cowie** taught design studios and **Maria Zbigniewicz**, **Derek Murray**, **Jackie Wilkie**, and **James Platt** taught lecture courses. A thank you goes out to all of them and the many individuals who have given their time to come in for lectures, presentations, practicums and meetings.

The students have also been very busy with a number of initiatives this year with the highlight being the recent exhibition of student work and Professional projects from Manitoba and Saskatchewan and the Landscape Photography Competition at the Adelaide McDermot Gallery.

Professor Charlie Thomsen retired in July after 31 years of teaching, research and administration at the University of Manitoba. Generations of Landscape Architects have graduated under Charlie's caring mentorship. We celebrated Charlie's glorious teaching career at Fort-Whyte Alive on September 19th. The event kick started the creation of a scholarship in Charlie's name that will honour a student involved in community outreach activities. ■



architecture student Cedric Boulet at Sheats-Goldstein's House, Los Angeles

Studios led by Professor Nat Chard and Dr. Marc J Neveu toured cities in Southwestern United States for ten days at the beginning of the January 2007. The warm weather was a welcome break from the not so wonderful winter weather in Winnipeg. Students also had the opportunity to see many projects, some architectural.

The trip began with a night landing into Las Vegas. The next day, after some much needed coffee (and even some winnings in hand), the group headed south through the desert and over the Hoover Dam to Tucson, Arizona to tour the PIMA Air Museum (aka 'the Boneyard') and the

now decommissioned Titan Missile Silo.

The next day included a visit to Frank Lloyd Wright's studio and school, Taliesin West, just outside of Phoenix, and a drive to Los Angeles. While in LA, students toured many modernist housing projects, including those by Charles and Rae



students at the Salk Institute in La Jolla (l to r): Anastasia Derksen, Andrea Moroz, Esther Link, Liuba Apostolova, Jen Reynolds, BJ Fehr, Kristi Bain, Candace Barton, Bradley van Schie, Pia Buus, Xiao Yi.

Eames, Richard and Dion Neutra, R. M. Schindler and Frank Lloyd Wright.

Stops were made at the ever-eclectic Museum of Jurassic Technology and its similarly sundry neighbor, Center for Land Use Interpretation (CLUI), as well as the nearby collection of late 1980s and 1990s work by Eric Owen Moss in Culver City. A group of students toured Universal Studios, while others looked towards other stars at the Griffiths Observatory. A day trip was made down to San Diego to witness Kahn's Salk Institute.

The highlight for many was the chance to get into the Sheats-Goldstein House by John Lautner. The house, still a closely guarded private residence, sits seemingly on top of LA with various rooms extending themselves over the steep hill-

side below. Students were able to wander around the house (as well as take in photos of the owner with supermodels and the likes of Snoop-Dog) and even into the Sky Space by James Turrell located on the grounds.

Neveu's studio was based on the Sunset Strip in LA and students were able to spend some time on the site gathering information and impressions. The topic of the studio considered the relationship between clothing and architecture and students took advantage of the trip to see an exhibit on the same topic at the LA Museum of Contemporary Art.

Though chock full of activities, students were still able to find time to shop and even see a few celebrities. ■

Convocation Award Recipients		
ENVIRONMENTAL DESIGN	University of Manitoba Gold Medal	Cameron Bradshaw
	Dan Muir Memorial Award	Jordy Craddock
ARCHITECTURE	Alpha Rho Chi Medal	Liane Veness
	Henry Adams American Institute of Architects Medal	Andrea Flynn
	Henry Adams American Institute of Architects Certificate	Katie Hlynsky
	Manitoba Association of Architects Comprehensive/Design Thesis Medal	Eric Lucassen
	Royal Architecture Institute of Canada Student Medal	Michael Banman
	Royal Architecture Institute of Canada Honour Roll	Andrea Flynn Katie Hlynsky Michael Banman Richard Kwiatkowski
CITY PLANNING	Manitoba Professional Planners Institute Award for Planning Excellence	Jason Granger
LANDSCAPE ARCHITECTURE	Manitoba Association of Landscape Architects Gold Medal	Liz Taylor (nee Wreford)
	Canadian Society of Landscape Architects Award	Lise Benningen

2007 Endowment Fund

Grant Recipient	Short Title of the Project	Amt Awarded
Neil Minuk	Faculty of Architecture Gallery Exhibitions	16,500
Marc Neveu	Cultural Events Printing	1,000
Marc Neveu	Hungry for Thought Lecture Series	2,400
Amanda Lang	Gallery: Recent works by Students and Professionals in Landscape Architecture + Manitoba Landscapes Student Photography Competition	1,250
Evan Marnoch and Zach Pauls	Warehouse 16	13,000
Micheal Williamson	Berm & Swale	1,500
Liuba Apostolova	Clothing in Architecture	300
Przemyslaw Pyszczek	Ditchball 31	1,000
Shauna Mallory-Hill	Acoustic Field Measurement Equipment	1,500
		\$38,450

Scholarships & Fellowships

UNDERGRADUATE

BEEM (Building Energy Management Manitoba) Scholarship in Architecture and Engineering
Spencer Cutten

Corrigill Scholarship
Jordy Craddock
Noah Jacobson
Shannon Wiebe

Dr. A. W. Hogg Scholarship
Jordy Craddock

E.H. Price Undergraduate Scholarship
Miranda Adam
Laurette Aves
Matthew Barnlund
Daniel Dufault
James Fank
Christopher Hanline
Mayo Inoue
Peter Kasper
Todd Mayer
Bo Meng
Katherine Pascussi
Mathew Piller
Shawn Stankewich
Alessandra Weiss

Faculty of Architecture Design Award
Maya Cochrane

Isbister Undergraduate Scholarship
Jordy Craddock

James Palmer Lewis Scholarship
Christopher Knight
Adam Robinson

Michael Cox Scholarship
Jordy Craddock

Students' Architectural Societ Award
Kevin Fawley
Charity Lepage

Victoria C. Hull Memorial Award
Vanessa Ilg

GRADUATE

Allan Waisman Aboriginal Scholarship
David Thomas

Barkman Concrete Scholarship
Hope Gunn
Jay Hallet
Christine Haylock
Mike Klassen
Alaina Prokopchuk
Liz Wreford Taylor

Bill Allen Scholarship in Architecture
Colin Herperger (Travel and Research)

Carl R. Nelson Traveling Fellowship
Matthew Derkson

City Planning Jubilee Scholarship
Stephanie Whitehouse

Corbett Cibinel Sustainable Award
Jennifer Reynolds

Corrigill Scholarship
Lauren Bachynski
Kari Schulz
Linda Yee
Geng Zhang

E.H. Price Graduate Scholarship
Erin Ediger
Shelagh Graham
Rebecca Loewen
Mathew McFetrick
Marcella Poirier
Jun Soo Lee
Naomi Duddridge
Jennifer Wall

Fredrik Kristjansson Scholarship in Architecture
Matthew Derkson

James Palmer Lewis Student Award
Hope Gunn

Joan Harland Scholarship for Graduate Studies in Interior Design
Natalie Rogers

Landscape Architecture Student Association Award
Ian Legge

Leonard C. Klingbell
Aaron Lam

Maxwell Starkman Scholarship
Tara Carnochan

Mel P. Michener Architectural Fellowship
Michael Banman

Norman Ripley Scholarship
Andrew Lewthwaite

Randy Gilbert Memorial Scholarship
Colin Herperger

Tamara Kucey Memorial Scholarship
Andrea Sosa

Urban Design Scholarship
Cara Nichols

William E. Sheets Scholarship in Architecture
Zachary Pauls

Sketch Camp Winners

Ed Letinsky
Drawing Award
Stacey Auld

ED Coordinator Award
Catherine Closson

Video Award
Nicholas Bell
Ricardo Brito
Graham Taylor
Mark Zwaagstra

Partners Program
Sketch Camp Award
Stephanie Ouellette
Nan Zheng
Aleksandr Olivson
Kellie Ho

Magda Husbosch
Drawing Award
Pablo Batista
Bertrand Bartake
Lacey Maclean
Desiree Bunn
Katrine Rivard
Hailey O'Connor
Jason Oomah
Dana Kelunick
Zhi Wang
Xiaofeng Zhu

Instructor's Award
Annelies Westerbeek

Poster Award
Jean-Pierre Vos

Bookstore Sketch Camp Award
Gershon Richter
Mark Zwaagstra
Paul Szakacs

SAS Student Award
Dora Baker

Animation Award
Mengdi Zhen
Nan Zeng
Xiaofeng Zhu

Student Coordinator Award (student who assisted coordinator)
Melissa McAlister

nora® Rubber Flooring Announces Winners of 2006-2007 Wrap Competition

nora® encourages creativity, design and invention at the University of Manitoba

LAWRENCE MA, April 10, 2007 – Freudenberg Building Systems, Inc., manufacturer of nora® rubber flooring, and The University of Manitoba Faculty of Architecture are pleased to announce the winners of the 2006-2007 Wrap Competition in Winnipeg. Architecture students **Bradley Fehr**, **Jen Reynolds** and **Andrew Lewthwaite** developed the winning entry this year entitled, “Flow Wrap – Forming Flooring.” The winners will receive \$4,000 and will be recognized by the Faculty of Architecture.



The winners of the 2006-2007 Wrap Competition in Winnipeg, Manitoba, Canada pose with the winning entry entitled, “Flow Wrap—Forming Flooring,” along with David Witty, Dean, Faculty of Architecture and Professor, Department of City Planning; and Carol Fudge, Marketing Manager, nora® Rubber Flooring

“Flow Wrap – Forming Flooring” showcased how an object can be cast using nora rubber flooring. Fehr, Reynolds and Lethwaite used a tube of rubber flooring joined end to end, shaped it and filled it with concrete. After the concrete hardened, team members opened the tube to reveal a cast concrete sculpture that allowed options for various textures such as a smooth or grained finish.

“We wanted to show nora® rubber flooring in an entirely different light, as holding the possibility to give life to other mediums in a fusion of both functional and aesthetic themes,” said Lewthwaite, who represented the winning team.

The Wrap Competition, open to all registered Faculty of Architecture students, was designed to encourage creative exploration and invention with nora® products beyond their traditional applications. The

competition challenged students to enfold the two-dimensional nora® flooring into the three-dimensional world of design by using it to create applications such as wearable apparel, furniture, interior or exterior structures or landscape applications.

“Competitions are important vehicles for exploring ideas,” said **Professor Akemi Miyahara**, Acting Head and Assistant Professor for the Department of Interior Design and main organizer of the event. “The Wrap competition, sponsored by nora®, was especially challenging and interesting because it provided an opportunity to work directly with the rubber flooring material and to construct the designs at full size. Students had the freedom to be creative – to experiment with the material without the constraints normally placed on class projects. We are grateful to nora® for providing our students with an extraordinary learning experience.”

Contest participants had two months to formulate an idea and prepare a written narrative with a poster and visual recording that included images, drawings or models of their concept. University representatives participating in the first stage of judging included: **Dr. Richard Milgrom**, Assistant Professor, Department of City Planning; **Patrick Harrop**, Associate Professor, Department of Architecture; **Lynn Chalmers**, Associate Professor, Department of Interior Design; and **Jean Trottier**, Assistant Professor, Department of Landscape Architecture. **Kevin Phillips**, senior manager, technical operations, and **Carol Fudge**, marketing manager, from nora® Rubber Flooring also participated in the judging.

Five finalists were then chosen to advance to the second stage of the contest which involved building a full-scale prototype made primarily of nora® products. The second stage evaluations were moderated by **Professor Jean Trottier** and jury participants included **Craig Alun Smith**, product designer, Cocoon Branding, Inc.; **Calvin Yarush**, visual artist; **David**

Penner, architect; **Leah Arnott-Peterson**, interior designer, Arnott and Associates; and Carol Fudge of nora® rubber flooring.

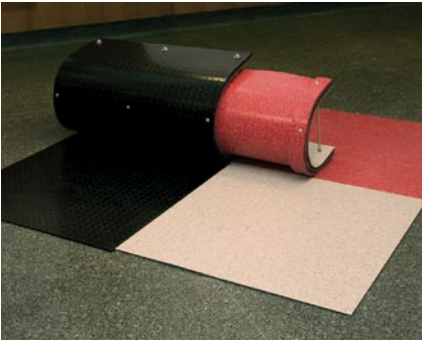
In addition to the winning entry, the other four finalists were:

- “Arbus Neotree” by **Matthew McFetrick** and Amanda Yakiwchuk: a three-dimensional interior tree structure that provides an environmentally-friendly alternative to the removal of trees for seasonal or decorative purposes;



The “Arbus Neotree” by Matthew McFetrick and Amanda Yakiwchuk was one of the five finalists

- “Habitat for the Urban Tribe” by **Kevin Fawley**: a portable furniture system that allows people in transition to move easier;
- “Noramaki Bench Design” by **Ian Legge** and **Suzy Melo**: indoor seating that is adaptable to the shape of the environment; and



The “Noramaki Bench Design” by Ian Legge and Suzy Melo was one of the five finalists

- “Origami Chair” by **Candice Wong**: an origami chair that allows children to fold and form the chair in various shapes.

“The submissions surprised us this year,” said Trottier. “We thought with the theme being ‘wrap’ that we would have more clothing or accessories.”

“This contest challenges students to develop innovative designs for the use of rubber flooring,” said **Dr. David Witty**, Dean, Faculty of Architecture and Professor, Department of City Planning.

“At nora®, we encourage creativity and are enthusiastic about helping bring designs to life,” said Fudge. “This competition allowed the students to stretch their imaginations and to create innovative designs using the variety of nora colors and flooring textures available. It was amazing to see what the students came up with—talk about inspired design!”

Freudenberg Building Systems, Inc. has been located in the United States for more than 30 years. It is the U.S. headquarters of the German-based Freudenberg Building Systems/KG, the world’s largest manufacturer of commercial rubber floor covering systems. The company has been designing and manufacturing nora® rubber flooring for more than 50 years, meeting a wide range of functional performance requirements while paying close attention to the aesthetic aspects of interior design. Freudenberg Building Systems, Inc. is a member of the multinational Freudenberg Group. For additional information, contact Freudenberg Building Systems, Inc. at 1-800-332-NORA or visit the company’s web site at www.norarubber.com.

nora® rubber flooring is a registered trademark of Freudenberg Building Systems, Inc.

Please direct reader inquires to:

Carol Fudge
Marketing Manager
Freudenberg Building Systems
nora® Rubber Flooring
carol.d.fudge@freudenberg.com ■

Awards, Honours and Recognition

The following is a partial listing of the awards, honours and recognition bestowed upon our Faculty.

Students

Faculty of Architecture graduate students and editors of Warehouse 15, **Evan Marnoch** and **Zach Pauls**, were nominated for the Best Illustrated Book of the Year and the Manuela Dias Book Design of the Year Awards by the Manitoba Writing and Publishing Awards “Brave New Words.” Warehouse 15 was also selected by the Applied Arts Student Awards’ judging panel to be included in the September Annual issue of Applied Arts and showcased at their Awards Exhibit in Toronto.

Landscape architecture graduate student **Alaina Prokopchuk** received two significant awards this past year. She was the sole Canadian among 5 international students who presented their designs at the international conference Tasmeem Doha 2007, a sustainability-focused design conference in the Middle East country of Qatar. Alaina was also a finalist for the Shahneshtin Foundation: Shrinkage Worldwide Awards.

Vanessa Aleshka, Interior Design graduate student, received the Royal Canadian Academy of Arts/C.D. Howe Scholarship

for Art and Design. This scholarship is given to enable recipients to develop further their studio practices while gaining a deeper understanding of the historical precedents and contemporary issues relevant to their discipline, through advanced study or graduate education.

City Planning graduate student **Jessica Roder**, architecture graduate students **Aynslee Hurdal** (M.Arch. 2007), **Amanda Ross** (M.Arch. 2006) along with **Tim Krahn**, a recent graduate from the Faculty of Engineering, won the Emerging Green Builders sustainable design competition. (See page 6 for student article.)

Department of Architecture graduate students, **Rebecca Loewen**, **Jennifer Reynolds** and **Tom Alston**, recently finished second in the L.e.a.p. Ideas Competition. (See page 11 for student article.)

Alison Scott, Landscape Architect student, won an Honour Award in Design in the American Society of Landscape Architects Student Awards. The award was for her practicum, *Full Bloom*.

Interior Design student **Celeste Brunel’s** entry *Extending the Limits: design through motion* was selected as one of the winners of Canadian Interiors Magazine “Best of Canada Design Award”. Her

project was published in the July/August issue of Canadian Interiors.

Steve Shaw, an Architecture Masters student, won the Hunter-Douglas Participants Favourite Award for his practicum work Freespace at the Archiprix International Design Competition for World’s Best Graduation Projects held in Shanghai.

Faculty

Professor Ted McLachlan was named by the President as the 2007 recipient of the Dr. and Mrs. Ralph Campbell Outreach Award. This pre-eminent award is in recognition of Professor McLachlan’s outstanding outreach activities.

Professor Eduard Epp received the 2007 UTS Teaching Excellence Award for the Faculty of Architecture. The nominating outstanding student was Ms Carley Friesen, from the Environmental Design Program.

Professor Alan Tate received the Schwabenbauer Award in recognition of his devoted service to the Canadian Society of Landscape Architects as Chair of the CSLA Awards of Excellence at the national level.

Professor Alan Tate also received an award in the category of Research from the Landscape Institute National Awards

2006 for his book “Great City Parks”. The book is one of the first books in the field to combine original research and analysis in a consistent case-study format together with presentation of the subject through exceptional photography and consistent scale plans of each project.

Professor Neil Minuk was elected as an academician by the Royal Canadian Academy of Arts (RCA). Professor Minuk’s induction is in recognition of his significant contribution through his work, to the visual arts in Canada.

Dr. Ian Skelton was appointed Principal Editor, Canadian Planning and Policy, Canadian Journal of Urban Research vol. 15.

Professor Patrick Harrop was awarded a full scholarship to the Bently, Generative Components, Smart Geometry workshop held in conjunction with the Subtle Technologies conference in Toronto.

Professor Mark West was a finalist in the Global Round of the Holcim Awards for Sustainable Construction.

Dr. Richard Milgrom was appointed Chair of the Planners Network, a North American planning organisation.

Professor Patrick Harrop was awarded one of 11 full scholarships to Interactive Screen 0.6 – Margins: Media: Migrations at the Banff New Media Institute.

Dr. Rae Bridgman is the series editor for Broadview Press’s Urban Ethnography series.

Comings and Goings

In summer 2006, **Professor Brenda Brown** was appointed as Assistant Professor, Department of Landscape Architecture.

Professor Brown comes to us from Gainesville, Florida where she was Principal, Brenda Brown Landscape Design Art Research. She recently completed a Ucross Foundation Fellowship residency at Clearmont, Wyoming, where her project dealt with the landscape of sound of the three creeks that meet there. Professor Brown has completed a wide range of publications, conference presentations and public lectures. She co-curated the Eco-Revelatory Design: Nature Constructed/Nature Revealed exhibition and was editor and designer of the Landscape Journal Special Issue that served as the exhibition's catalogue.

This July **Professor Dietmar Straub** was appointed as Assistant Professor, Department of Landscape Architecture.

Professor Straub brings a significant record of practice that spans fifteen years. He has practised in China, Russia and throughout Europe.

In addition to this, Professor Straub taught at the Institute of Landscape Design at the Technical University of Munich Weihenstephan where he consulted and ran workshops for student projects and theses in the Faculty of Architecture, Department of Urban Design, City, Regional and Landscape Planning, Institute for Urban Development and Regional Planning and the Institute of Rural Urbanism and Territorial Architecture.

In September 2006, **Mr. Douglas Clark** was appointed to the position of Executive Director, Partners Program. Mr. Clark, formerly a principal in Scatliff + Miller + Murray, is a Fellow in the Canadian Society of Landscape Architects and is a Member of the Canadian Institute of Planners.

Mr. Clark is well-known throughout Winnipeg and the profession, having held key positions working with various Boards, volunteers and members, as well as working with industry representatives in both the private and public sectors.

Mr. Clark is a longtime supporter of the Faculty of Architecture and is a strong advocate for the design profession. He has an in-depth knowledge of the Partners Program, and has participated in some aspects of its programming and activities.

In November 2006, **Ms. Donna Mamott** was appointed as a permanent addition to our administrative staff. Donna provides support to the graduate programs as well as various Faculty activities and initiatives.

In March 2007, **Ms. Shelly Goodacre** was appointed as a part-time Administrative Assistant in the Faculty of Architecture. Shelly working with Douglas Clark in the Partners Program.

Mr. Keith Millan was appointed Manager of the Woodshop. Keith is setting up a store that will allow students to buy wood, metal and acrylics on campus.

Professor Alexander Rattray has been appointed to the status of Professor Emeritus. Alex Rattray joined the Faculty of Architecture in 1969 to establish Canada's

first master's program in landscape architecture. He served as its head for 25 years and was involved in numerous campus committees at all levels of governance. His research included the study of urban and rural settlement patterns in Australia, Canada, and China; resource analysis and landscape planning, and a focused study and exhibit of Pietro Porcinai, and Italian landscape architect. Outside the university, he has served as president of the Canadian and Manitoba associations of landscape architects, chaired the National Capitol Commission in Ottawa, and was an advisor to the International Federation of Landscape Architects.

This fall, **Professor Alan Tate** was promoted to Full Professor.

Dr. David Witty is Acting Head for the Department of Interior Design until July 2008.

Mr. Tony Wong in the CADLab will be on leave until Spring 2008.

Mr. Dennis Faraci has moved from Stores to the CADLab. Dennis assists the CADLab with reception, equipment bookings, print updates, plotting and the video lab.

Professor Charlie Thomsen retired from the Landscape Architecture department in July 2007. We celebrated Charlie's teaching career at FortWhyte Alive on September 19th. The event kick started the creation of a scholarship in Charlie's name that will honour a student involved in community outreach activities.

Professor Akemi Miyahara retired from the Interior Design department in July 2007. A small celebration in her

honour with close friends and family was held on October 24th.

Professor Clarice Kramer-Wolfart has resigned from her position as Assistant Professor, Department of Architecture. Professor Kramer-Wolfart now resides in Ottawa.

Dr. Marc J Neveu has resigned from his position as Assistant Professor, Department of Architecture. Dr. Neveu now resides in Los Angeles.

Renowned Architectural Historian **Dr. William P. Thompson**, age 64, died in St. Boniface Hospital, in Winnipeg Manitoba, on December 24, 2006 after a short illness. Dr. Thompson was a Professor of Architectural History in the Faculty of Architecture, where he retired in 2002 after 33 years of service. Dr. Thompson partnered on many restoration projects in his career that saved the historic sites of Canada, especially in Winnipeg and Manitoba.

Professor Emeritus Jack Graham died peacefully on Thursday February 15, 2007. He graduated from the University of Manitoba with a degree in Architecture and Design in 1943. He moved to Winnipeg where he began his teaching career at the University of Manitoba in 1946. He taught until his retirement in 1980. As well as his work at the university, he served as the head of the Stagecraft Department at the Banff School of Fine Arts for many summers. He also designed sets and costumes for the University of Manitoba Glee Club, the Royal Winnipeg Ballet, Rainbow Stage and the Playhouse Theatre. ■

Service Award of Excellence

In May, **Lawrence Grimshire** received the Service Award as part of the University's Employee Recognition Program. Larry is a member of the caretaking services, physical plant team that maintains the Russell and Architecture 2 buildings. Over the last several years, Larry has provided out-standing service in what were, at times, difficult circumstances. Before and after the refurbishment of the Russell Building, Larry worked diligently to effect a smooth transition between vacating the building and returning to it. His efforts were critical in helping many get through this stressful time. Larry is also part of the faculty "quick response team" which can be called at all hours of the night to address issues like flooding. Larry stays on top of events and anticipates the faculty's needs. He is always there to offer a helping hand.

Larry Grimshire began working for the University of Manitoba in 1992 and has held his current position since 1995. The Dean's Office, along with faculty and staff, wrote a letter of support for the nomination of Mr. Larry Grimshire for the Service Award:

"Larry is a very important member of the caretaking staff in the Russell and Architecture 2 Buildings and plays a very significant role in the Russell Building in particular and the Faculty of Architecture in general. Larry is committed to excellence in ensuring the Russell Building is maintained in a clean and professional manner. He goes out of his way to ensure that the building presents itself to the public in a high quality way. He takes considerable pride in the building and his efforts to ensure that it functions effectively.

Any caretaking staff that have worked in our buildings can attest to the fact that the work is somewhat unique given the

volume and sensitivity of materials and projects used by our students. Larry is extremely patient and understanding when dealing with staff and students alike, all of whom have a great deal of respect for him.

Over the years, several caretaking staff have been assigned to our buildings. Larry acts as a mentor to new staff and is always assisting wherever needed to ensure the standard of work is maintained. The Dean's Office has, on several occasions, commented to Physical Plant management that it is critical that Larry be maintained as our main caretaker. Larry is recognized a highly valued member of the Faculty of Architecture staff (albeit he is employed through Physical Plant). He stays current on all the events and projects taking place in our buildings and is always ready to offer assistance where needed and goes so far as to assist with problem-solving when necessary."



Larry Grimshire with University of Manitoba President Emöke Szathmáry at the reception in May

The contributions of support staff are celebrated with four separate awards — the President's, Service, Leadership, and Team awards. The winners were recognized at a reception at the president's house on May 29, 2007, and the formal presentation of the President's Award was made at June 7 convocation. ■

Our Partners: Promoting a continuing partnership among the Faculty of Architecture, Alumni, the design professions and the design industry.

Jason Alsip	Alsip's Industrial Products Ltd.	Barbara A. Myers	Number TEN Architectural Group
Jim August	North Portage Development Corporation Chair, Partners Program	Esther Patzia	Smith Carter
Alan Barkman	Barkman Concrete Ltd.	Gerry Price	E.H. Price Limited
Ken Campbell	Sussex Realty	John Petersmeyer	Stantec Architecture
Heather Cram	Hilderman Thomas Frank Cram Landscape Architecture & Planning	Michael Rodyniuk	Winnipeg Airports Authority Inc.
Terry Danelley	LM Architectural Group	Ed Shinewald	Melet Plastics Inc.
Tom Gouldsborough	Manitoba Hydro	Kevin Skinner	PCL Constructors Canada Inc.
Lloyd Hilgers	Murphy Hilgers Architects Inc., Toronto	Laney Stewart	Professional Interior Designers Institute of Manitoba (PIDIM)
Paul Koop	Barkman Concrete Ltd.	Dudley Thompson	Prairie Architects Inc.
Bruce Kuwabara	Kuwabara Payne McKenna Blumberg Architects, Toronto	Harlyn Thompson	Community Member, Retired Professor
Jim Lewis	Lewis Communications Inc.	Arni Thorsteinson	Shelter Canadian Properties Ltd.
Tom Malkiewicz	Crosier Kilgour & Partners Ltd.	Peter Tielmann	Palliser Furniture Ltd. - EQ3
Linton Mounk	Building Products & Concrete Supply Ltd.	David Witty	Dean, Faculty of Architecture
		Jim Yamashita	Smith Carter

Fine Print

NETWORK newsletter is a joint publication of the Faculty of Architecture and the Partners Program. We distribute NETWORK to Faculty of Architecture alumni, students and staff, University of Manitoba administrators and Partners Program subscribers. NETWORK welcomes articles, comments and information related to issues affecting the design community.

Please feel free to contact us at
Kristina Nordstrom
201 Russell Building
Winnipeg MB R3T 2N2
t 204.474.6995
f 204.474.7532
nordstro@cc.umanitoba.ca

produced by the Faculty of Architecture
graphic layout by Kristina Nordstrom
text editors Dr. Rae Bridgman, Dr. David Witty, Douglas Clark
printed by Premier Printing Ltd., Winnipeg MB

The Partners Program provides a networking base for public information, corporate financial support for the Faculty of Architecture, and focused educational benefits.