

ARCHPLAN

FACULTY OF ARCHITECTURE AND PLANNING



Students respond to their Free Lab experience

The School of Architecture's Free Lab program has run for over two decades. By giving students the opportunity to build their designs at full scale in real communities, Free Lab helps students realize their potential and inspires them to follow their dreams. This year, nearly a hundred students participated in eleven projects around the world. In this issue of the ArchPlan newsletter, students share with you in their own words what Free Lab means to them.



"Free lab is a counterpoint to our architectural studies. It's a reminder of the real and tangible outcomes of our scholastic efforts. A reminder that real architecture goes beyond academia, and manifests itself in built form. It's the sense of community and teamwork that free lab so seamlessly incorporates."

Mark Richer

"Free Lab was a chance to bond with fellow BEDS students and masters students. It provided me insight into what it means to build in a rural community. To experience the community's appreciation and involvement was incredible."

Matthew Jarvis



“The hot sun woke me each morning; cool air off the Bay of Fundy tucked me to sleep. Signs of hard work trailed into my tent at night – muddy boots, sunburned skin, bug bites, sketchbook, an empty water bottle. Free Lab offered me exposure to realistic problems and solutions about designing and building. Materials, time, logistics, and simply the scale of a structure were all part of my learning.” Alice Fudge

“Working with structural engineer Franz Knoll and guest reviewers Talia Dorsey and Mathieu Casavant was a great opportunity to see how professionals work. Franz advised us on structural strategies and how to minimize cost while keeping our bridge safe. The guest reviewers gave us design ideas to improve our concepts. Our bridge will join the trails across the Suez Canal, for utilization by hikers and cross-country skiers.” Luke Han

“All too often, I feel limited in what I can do by the tools available. This free lab showed us that with careful thought and a clear sense of the problem to be solved, making customized machines is possible. It can turn roadblocks into sources of discovery.” Adam Pelissero

“I chose this free lab to work with a community and with natural clay. After a week, I was amazed at our outcome. I met people I never had

a chance to work with or talk to, I was introduced to a new material I now believe is underrated, and I had the experience of breathing life into a forgotten space.”

Jerome Wan

“The best part was making a model and two weeks later having a full size bench in front of you that was going to a real site. In studio, we make models and never see them constructed. It was refreshing to see our design



Pictured at top left to right: Mary Celeste complex; Centre de la Mi-Carême; bench building; Roaming Shell; Dragon Trail Visitor Centre, Ladakh, India.

Para_site, Saint-Sauveur, Quebec



become a reality and being able to see our bench in years to come.”

Ashlee Layton

“Roaming shell was about playing with ideas and studying how a form can be generated and repeated at a larger scale. Setting up patterns for the units to join, creating a larger figure, and exploring different connections were interesting parts of the project.” Samira Rostami Boukani

“I was exposed to still and video photography and video editing software. We learned the importance of planning and preparation to get the shots we needed. Being a part of Ken’s free lab, we got to be a part of all the free labs.” Kurt Von Kuster



Seaforth bus shelter, Seaforth, NS



Cybertonics, School of Architecture, Halifax, NS

Free Labs

Bench building – Lee Schuette, *School of Architecture, Halifax, NS*

Bloomfield Centre: Clay Collaborations – Kim Thompson, Agne Kubiliute, *Halifax, NS*

Bus shelter – Sarah Zollinger, Jeff Adams, *Seaforth, NS*

Cybertectonics – Emanuel Jannasch, Roly Hudson, *School of Architecture, Halifax, NS*

Dragon Trail Visitor Centre & Commonwealth Pavilion – Sarah Bonnemaision, Christine Macy, with Sergio Palleroni and Basic Initiative *Druk White Lotus School, Shey, Ladakh, India*

Kinistin Pow Wow Arbour – Kate MacKay, Brad Pickard, Ali Shaver, Crispin Smith, James Haney with the Cities and Environment Unit, *Kinistin, SK*

Para_site – Morgan Carter, *Saint-Sauveur, QC*

Periscope – Craig Rodmore, Tom Evans, *Halifax, NS*

Roaming Shell – Susan Molesky, *School of Architecture, Halifax, NS*

The Uncertain Centre of the Mary Celeste – Roger Mullin, *School of Architecture, Halifax, NS*

Documentation of Free Lab 2010 – Ken Kam, *School of Architecture, Halifax, NS*

Message from the Dean

Fall is Nova Scotia's best time of year. In the fields and woods, the fullness of summer is passing, leaves are turning and harvests are being drawn in. But in the Faculty of Architecture and Planning, the year is just starting – as we welcome over a hundred new students to the beginning of their professional life as architects and planners. They can look forward to learning about cities and landscapes, and developing new skills to imagine future ones. We welcome our new BCD, BEDS, MPlan and MArch students, and look forward to your contributions to the life and culture of the Faculty during your time here.

Christine Macy, *Dean*

H. Allen Brooks Endowment

We are happy to announce a \$250,000 endowment from the estate of architectural historian H. Allen Brooks. This generous gift supports a periodic award for an exceptionally promising graduate of Architecture or Planning, to be used for study by travel and contemplation while observing, sketching, reading, or writing, and having time free to think and mature. It was Dr. Brooks' wish that this opportunity help the recipient acquire knowledge useful for their future work, contributing to the profession and to society. The award will be available to a student starting in the fall of 2011.

Lecture series

The Architecture Students Association (ASA) Lecture Series line-up for 2010-11 includes Alessandra Cianchetta from France, Morten Schmitt of Schmitt Hammer Lassen (architects for the new Central Library), and Kim Smith of BlueSky Architecture. This series is supported by alumni contributions to the Faculty through the Annual Fund, the office of the VP Student Services, and the French Embassy. The School of Planning's Speaker Series kicked off in September with Andy Fillmore's talk on the importance of downtown, followed

by Robert Jahncke on municipal planning and development. Lectures are open to the public.

For schedule see: archplan.dal.ca/current_events

Urban Agriculture & 4 Days conferences

In September, the School of Planning partnered with the Nova Scotia Agricultural College to host a two-day conference on Urban Agriculture. The first day in Truro focused on new directions in urban food production. The second day at the School presented local initiatives in HRM, with the participation of Councilor Jennifer Watts (MURP '96), the Ecology Action Centre, Capital Health and the Edible Campus group. Planning students are actively involved in the upcoming 4 Days event, created by alumni-owned firm Breakhouse. 4 Days is an annual event meant to spark a better city and better life in Halifax.

Maritime field trip for Planning students

This year's trip took the incoming MPlan class to PEI, where they learned about new planning legislation, heritage protection, rural and watershed planning and climate change from local planners.

Architecture students in Ladakh, India

This summer, Sarah Bonnemaïson, Christine Macy and Ramzi Kawar led an integrated studio for ten graduate students, concentrating all the term's courses on the design of an NGO centre in the Himalayan region of Ladakh, India. In July, Christine, Sarah and the students



Commonwealth Pavilion, London, UK

traveled there, to participate in a design-build initiative at the Druk White Lotus School in Shey. This Buddhist school designed by Arup Associates has won international design awards for its fusion of traditional Ladakhi architecture with ecological design principles. Our students worked with peers from four American

universities to design a visitor centre using traditional construction techniques. They also designed and built a tensile pavilion out of recycled parachutes, which was exhibited at the Earth Awards in London.

MacKay-Lyons Sweetapple Ghost Lab

Recent MArch graduate Jennifer Kudrats received this year's Ghost Lab scholarship. "This year's ghost lab built a boat house in Kingsburg, NS. Right from the first night, the site was full of enthusiasm and excitement. As groups of 'ghosties' trickled in from flights around the world, we sat around a fire discussing our perspectives on architectural education with Brian Mackay-Lyons and guest architect Peter



Ghost boat house, Kingsburg, NS

Stutchbury from Australia. It was clear that the next two weeks were going to be educational on several levels. The first week was filled with day-long design workshops – trying to agree on the shape and orientation for the project, while keeping in mind the limitations of time and budget. As drawings were passed back and forth, it was incredible to witness the rapid development of the design. We began building on day six, and were blessed with incredible weather from then out. The project came together before our eyes with everyone working on construction. Evenings we relaxed over delicious dinners and lectures from guests or tours of Brian's work. The two week experience was challenging, educational, inspiring, and a perfect way to conclude my architectural education at Dalhousie."

From the Co-op Office . . .

Architecture and Planning alumni and other employers can advertise positions, view student design portfolios, and see company listings on the Faculty's Employment web site. For info, please contact the Co-op Office at employment.archplan@dal.ca

The John D. Watson Memorial Scholarship



Those who attended the School of Architecture in the late 80s or early 90s have fond memories of their classmate, John Watson (MArchFP '90). Professors and staff members recall that John touched the life of the School as few people do. Kind, compassionate, fun, talented and conscientious – the life of every party and the heart of the student association – John made a lasting impact that is still remembered today.

After John's tragic death in an accident in November 1998, his family and friends rallied to ensure his memory would live on at the School. In 1999, the John D. Watson Memorial Scholarship was established. Intended to assist students with an interest in pursuing John's passions – green design, sustainability, and new technologies – the fund quickly grew to become one of the School's largest endowments supporting student research. In addition to the endowment, which supports an annual award, funds were also allocated for a renovation of the student lounge. A student competition was held, the winning entry was built, and today the John D. Watson Lounge – overseen by a framed picture of John – is a much used and much appreciated reminder to all students of the difference one person can make to a community.

Under the leadership of John's closest friend, Lorin Brehaut, former classmates and other alumni have been instrumental in securing the future of this fund through

their tireless efforts. But the key figure behind the fund's success is John's father, Dr. Wayne Watson.

Dr. Watson is dedicated to ensuring the award benefits students as much as possible. A decade after the establishment of the fund, he continues to grow it and remains involved with the School, visiting annually and keeping abreast of the latest award winners. Thanks to his son's influence, Dr. Watson has a keen interest in architecture and never misses an opportunity to talk about design issues with faculty members and John's colleagues. On a recent visit, Dr. Watson reminisced "John opened my eyes to many aspects of the world that were new to me. He believed that as an architect he could make a positive impact on the environment and communities and he shared that passion with others." He remembers fondly that, "most fathers are their son's mentors, but John was mine."

Since the fund's maturity, the School has awarded six scholarships. The first recipient, Julia Pitts (MArchFP '05) used the funds to attend an international conference on affordable housing. Gabriel Prost (MArchFP '06), keenly interested in

sustainable design, conducted a survey of design topics and processes used by architects to create sustainable designs. Robert Toth (MArchFP '07), traveled to northern Japan to work on a community housing project and see examples of sustainable architecture. Asher de Groot (MArch '08) got hands-on experience in sustainable design and construction by working on a primary school in Sierra Leone, Africa. Last year, Janice Quieta's (MArch 10) interest in solar aquatics took her to Ocean Arks International in Massachusetts where she learned about biological waste treatment and its applications in architecture. Most recently, Mark Aseltine traveled to the Alps to look at sustainability in rural settlements there, exploring connections between traditional living patterns and current populations.

We'd like to thank everyone who has contributed to the John D. Watson Memorial Scholarship and supported these exceptional learning opportunities. We continue to actively fundraise for this Scholarship to make an impact on students in John's name. If you are interested in making a contribution, please contact anne.swan@dal.ca.



The John D. Watson Lounge is located between the east and west student studios

Sarah Bonnemaïson

Enjoying her first sabbatical after 17 years teaching, Sarah has been busy at the @Lab. She is coordinating the design and construction of a special warming hut, to be erected near the 400 m skating rink under construction on the Halifax Commons for the Canada Winter Games. Like all of @Lab's projects, the hut is an experiment in creating responsive environments. In collaboration with Alan Macy, a creative electrical engineer who specializes in biorhythms, the team has created a "hot seat" that will register a human heartbeat to orchestrate responses in light, vibration and sound throughout the enclosure. Also this fall, she'll be speaking on the work of @Lab at the Academy of Fine Arts in Vienna; on festival architecture at the University of Hamburg; and on her book and exhibit *Installations by Architects* at Haus der Architektur in Graz, Austria.

Ted Cavanagh

This summer Ted Cavanagh and ten students completed the third Coastal Studio. The studio included a three week trip to the southern U.S. Returning to Nova Scotia, the class completed projects at Cheticamp that involved turning wind into light, and an outdoor dining shelter for 80 made of wood lamellas and polycarbonate cladding at the Ross Creek Centre for the Arts. Designed by Matthew Kennedy and Samuel Lock, construction involved eight students from the summer studio. (See the students' blog at www.dalcoastalstudio.blogspot.com.) This fall, B4 work term student Duncan Patterson is coordinating volunteers to build a ceramic shell camera obscura for a restored salt marsh at Cheverie, supported by grants from ACOA and NS Department of Tourism. Ted is chairing an accreditation visit to Université de Montréal and working with Canada Council on the new framework for Canada's participation in the Venice Biennale.

Jill Grant

Jill is this year's recipient of the CIP Award for Planning Excellence for her article "Experiential Planning: a Practitioner's Account of Vancouver's Success." In July, she presented papers with graduate

students Marcus Paterson and Leifka Vissers at the International Planning History Society conference in Istanbul, and May two papers at the Innovation Systems Research Network conference in Toronto in May. This summer she began collecting data for a new research project on the factors that attract and keep immigrant cultural sector workers in Halifax. Jill continues her work on several research projects: trends in suburban development; youth obesity and the built environment; social dynamics of economic innovation; and global suburbanism.

Ahsan Habib

Dr. Habib is teaching two courses this semester – Sustainable Community Design, and Planning Studio. He recently presented a paper on job mobility and location choice for integrated land use and transportation modeling at the 12th World Conference on Transportation Research in Lisbon. This paper was the result of collaborative research with the University of Toronto and MPlan student Bruce Mans as co-author. Dr. Habib presented another paper "Evaluation of Multi-Modal Transportation Strategies during Emergency Evacuations" at the 2010 Annual Conference of the Transportation Association of Canada in Halifax in September.

Roly Hudson

This year, Roly introduced a new graduate course on parametric modeling. Highlights of his B3 Tech course were a visit by Paul Shepherd from the UK, and structures week – when 3 m structural spans were built and tested to destruction on the front lawn. Before his arrival at Dal, Roly worked with Dr. Shepherd of Buro Happold, and London-based architects Populous, on the Aviva Stadium in Dublin. The new Silverstone grand prix racetrack in the UK was designed by Populous using a computational tool created by Roly. The tool allowed the architects to predict where vehicles would come to rest should they lose control. Roly was also invited to contribute to the Estonian journal *Ehituskunst* for a special issue on architectural dialogues. His article is focused on the use of computation and parametric modeling in design.



Cybertech torus patch

Emanuel Jannasch

Emanuel worked with Roly Hudson to lead a team of six students in a free lab devoted to computer-aided production of building parts. The challenge was to build a tool that would import a cutting list directly from a parametric model and would turn out, in a predefined sequence, the required parts. Emanuel's hardware team added a mechatronic fixture to a vintage table saw, controlling lengths and angles by stepper motors. Roly's software team devised a parametric model and a control interface to drive the steppers. At the end of the lab, they were able to design and execute the torus patch shown above.

Patrick Kelly

Pat continues to teach Archaeoastronomy as a graduate architecture elective. He is finishing up a five-year term as editor of the Royal Astronomical Society of Canada's *Observer's Handbook*; another as Annapolis Valley area coordinator for the *Maritime Breeding Bird Atlas*, and two years as president of the Nova Scotia Bird Society.



Beaverbrook Art Gallery expansion

Richard Kroeker

Richard's Pictou Landing Health Centre won the International Architecture Award for 2010. Given jointly by the Chicago Athenaeum and the European Centre for Architecture Art Design and Urban Studies, this prestigious award recognizes cutting-edge design. Winners are exhibited at a conference in Madrid in November, followed by a European tour. Co-designers include Dal colleagues Brian Lilley and Peter Henry. Other recent projects include a collaboration with the Sauteaux First Nation community, the Cities and Environment Unit, and a free lab group (led by Brad Pickard) to design a pow-wow arbour in Kinistin, Saskatchewan. Richard continues to work with Xeti Matebekwane (MArch '08) on the design and fundraising for Boikhutsong Hospice. This facility, for victims of HIV and their families, is planned for the village of Mochudi in Botswana. Contributions are welcome and can be sent to Boikhutsong Hospice Society #2 Bar Harbour Lane, West Pennant, NS. This Fall, Richard's lecture and workshop schedule includes trips to Carnegie Mellon, University of Graz in Austria, and the University of Illinois.

Brian MacKay-Lyons

Last spring, Brian received the 2009 North American Wood Design Award for excellence in wood architecture. In mid-October, Soo Kim's film on Ghost 12 will be featured at the Architecture and Design Film Festival at the Tribeca Cinemas in New York, and Brian will be there to participate in a panel discussion (www.adfilmfest.com). New projects in the MacKay-Lyons Sweetapple office include Cliff House 12 and an expansion for the Beaverbrook Art Gallery in Fredericton, NB. This Fall, Brian has a busy lecture schedule, including stops at Middlebury College and Norwich University in Vermont, the Boston Society of Architects, Laval University, Mississippi State, Ryerson, and the AIA Arkansas State Convention. He will also serve as a juror at the AIA Minnesota Convention in November.



Cliff House 12

Patricia Manuel

Patricia is back from sabbatical and just completed her Climate Change Adaptation Plan for Glenburnie - Birchy Head - Shoal Brook (GBS), in Newfoundland. This was one of four pilot projects in Atlantic Canada run by Natural Resources Canada and CIP as part of their mainstreaming climate change adaptation tools in land use planning. Patricia presented two papers at CIP in Montreal – her climate change adaptation work and a paper with Eric Rapaport describing climate change projects undertaken by our students since 2003. This paper was also presented at the Coastal Zone Canada conference in Charlottetown. Patricia will present a paper on the built environment and youth obesity at the Making Cities Livable Conference in Charleston, SC.

Susan Molesky

Susan's free lab involved the construction of a lightweight wood shell out of cellular units, inspired by the forms of microscopic sea diatoms. Weight and buoyancy were calibrated so the shell would leave marks in the sand as it rode the tidal currents of the Bay of Fundy. It is currently suspended from the Exhibition Room ceiling.

Roger Mullin

Roger advanced his Spencer's Island project in this year's free lab, adding a dwelling for an artist-in-residence. The

Mary Celeste complex – named after a brigantine merchant ship built at Spencer's Island, and famously found floating in the mid Atlantic with no one on board – supports developing coastal tourism by showcasing a rich cultural history through media projection, material artifact display, workshops, meanders, and soundscapes.

Eric Rapaport

Eric's winter planning studio looked at turning University Avenue into an active transportation route and greenway for handling stormwater. The results are being used by Dalhousie's Office of Sustainability to inform campus planning efforts. His paper, "Community Innovation in the Soft Spaces of Planning" (co-authored with colleagues from the University of Northern BC and Dundee University) is forthcoming in the *Journal of International Planning Studies*. In July, he chaired a session on the environment at the Trans Atlantic Studies Conference in Durham, UK, and presented a working paper "So Now You Know But Where Do You Go? Planning and Stagnation in the Face of Climate Change – a comparison between Nova Scotia and Scotland".

Lee Schuette

Artist-in-residence Lee Schuette led architecture students in a summer free lab making benches out of massive logs transported to the woodshop for debarking, splitting and chiseling. All done by hand... no bolts or nails please! The benches, each weighing several hundred pounds, were installed at LeMarchant-St Thomas School, the Bloomfield Centre, and the George Dixon Community Centre for all to enjoy.

Grant Wanzel

We are delighted to announce Grant Wanzel as our most recently appointed Professor Emeritus. He continues to teach part-time – housing design, history and theory – and will be offering a new graduate elective in real estate development next term.

Scholarships

Thanks to the generous support of our alumni and friends, we have awarded the following scholarships for the summer and fall terms:

In Architecture:

- Barry Johns Scholarship for Design* (\$1000)
– Michael Zabinski
- Bruce and Dorothy Rosetti Scholarship* (\$3500 each)
– Mark Aseltine, Colin Harper, Adam Smith, Sofia Villarreal, Graeme Verhulst
- Colin Gash Scholarship* (\$2000)
– Thanasis Ikonomou
- George W. Rogers Award* (\$1000) – Tyler Rozicki
- John D. Watson Memorial Scholarship* (\$1500)
– Mark Aseltine
- Medjuck Architectural Design Scholarship* (\$1000)
– Catherine Wong
- Newfoundland and Labrador Association of Architects / William J. Ryan Scholarship* (\$1000)
– Mark Whalen
- Nova Scotia Association of Architects Scholarship* (\$2000) – Amanda McLeod
- Shaw Group Environmental Design Scholarship* (\$2500) – Christopher Barrie
- Steel Structure Education Foundation Scholarship* (\$3000) – David Cocks
- Architects Association of New Brunswick Prize* (\$1000) – Jordan Rice
- William Nycum and Associates Scholarship* (\$1000) – Joshua Collins
- William P. Lydon Memorial Scholarship* (\$600 each)
– Sarah Prodor & Adam Pelissero

In Planning:

- API Award (Graduate)* (\$1000) – Troy Gonzalez
- API Award (Undergraduate)* (\$1000) – TJ Maguire
- Bruce and Dorothy Rosetti Scholarships* (\$6000 total)
– Shaan Desai, Susanne MacDonald, Bruce Mans, Lynn Roxburgh, Dan Scott, Ian Watson
- NS Planning Directors Scholarship* (\$500)
– Ian Watson
- Stanfield Scholarship* (\$2000)
– Michaela Cochrane

Please consider setting up a scholarship. Our greatest need is for entrance scholarships at the BEDS and MPlan levels. Although our programs are among the best in the country, our scholarships are limited. Every year we lose students to other Schools who can offer better entrance awards. We rely on private funding to fulfill this need. You can set up a named fund by committing to a minimum annual gift of \$1,000 for five years, or an endowment with a gift of \$5,000 over five years. Please contact anne.swan@dal.ca for more details.

1972 – Barry Johns, BArch

In 2007, Barry merged his practice with Group2 Architecture Engineering to become Johns Group2 Architecture Engineering. The firm's recent projects include an expansion to the Red Deer College Building Communities for Learning Project, The Triffo Hall Centre for Advanced Studies at the University of Alberta, the Lemur Pavilion in the Edmonton Valley Zoo, the Innisfail Library, and the First Choice Health & Wellness Centre at the University of Lethbridge (in association with Gibbs Gage Architects). Barry has received 65 design awards from around the world, including the Governor General's Award for Architecture in Canada. He is a Fellow of the RAIC, a Member of the Royal Canadian Academy of the Arts, and an Honorary Fellow of the AIA. Barry continues to serve as a design critic and studio instructor in a number of Canadian universities. He co-founded the Innovative Practice Group in Architecture at the University of Calgary, and is working with the RAIC and Athabasca University to create a new distance-education degree program in architecture. He is currently working on a book project with former colleagues from Arthur Erickson Architects. Since 2004, Barry and his wife Margo have supported two scholarships at the School of Architecture: the Barry Johns Design Scholarship and the Barry and Margo Johns Family Bursary. He and Margo are proud grandparents of Sofia (4) thanks to their daughter Melanie and Joao in Edmonton, and Evan (2) thanks to their daughter Krista and Jeff in Ottawa. Their son Graeme is completing his Masters in Electrical Engineering in Paris.

1975 – Mitchell Brooks, BArch

Mitch is the President of Sperry & Partners Limited, recently merged with ADI Limited of Fredericton, NB. Mitch joined the firm and became a partner in 1987. He recently completed a community centre project in East Dartmouth, and a major upgrade to a postal sorting facility in Dieppe, NB. He is a Past President of Construction Specifications Canada. Aside from architecture (and hockey), Mitch loves to travel. He's experienced Asia, covered the better part of South America, most of Europe and recently spent the first part of 2010 in Sydney, Australia with his wife, Mary, a professor at Dalhousie's School of Business.

1981 – George Cotaras, BArch

After completing his BArch at TUNS, George pursued graduate studies in architecture at Tokyo Institute of Technology. He returned from Japan to join Halifax-based Fowler Bauld & Mitchell in 1983, where he is currently Vice President and General Manager. He directed the firm's ISO 9001 quality management

initiative and maintains responsibility for the firm's continuing ISO registration. He regularly teaches graduate design studios at the School of Architecture, as well as continuing education seminars in architectural practice. George was the principal-in-charge of the newest addition to the Dalhousie campus, the Mona Campbell Building at the corner of Coburg Road and LeMarchant Street. Fowler Bauld & Mitchell was recently awarded the contract for the design of the new Halifax Central Library in association with Schmidt Hammer Lassen Architects of Denmark. The library will be located on the corner of Spring Garden Road and Queen Street, directly next to the School of Architecture.

1984 – Jonathan Cohn, BArch

Following his TUNS degree, Jonathan moved to New York, to complete a Master of Science in Architecture and Building Design from Columbia University. Now an Associate Principal at New York-based Ehrenkrantz Eckstut & Kuhn Architects, Jonathan has led multidisciplinary teams for the architectural design of some of the largest infrastructure and transportation projects in New York's recent history. These include the JFK International Airport AirTrain Light Rail stations, a new transit center designed by Santiago Calatrava for the World Trade Center site, and the new Moynihan Station that will supplement Penn Station as the busiest transit hub in the country. Jonathan is also working on large scale design projects in Los Angeles, Cleveland, and Houston, and this year served as a visiting critic at Columbia's M.Arch program. His experience has given him a deep belief that transportation facilities, integrated with other public and private development, can make a real contribution to the public realm.

1985 – Ron Burdock, BArch

Ron joined WHW Architects in Halifax three days after graduation. He is now a senior architect and associate of the firm, one of the largest in eastern Canada. He has worked on a wide variety of projects over the past 25 years, including the new Life Sciences Research Institute currently under construction on Dal's Carleton campus. In recent years, Ron has concentrated on museum and interpretive projects – including a restoration of Thinkers' Lodge in Pugwash, NS; a new interpretive centre in Africville; preservation and rehabilitation of the Fisheries Museum in Lunenburg; and the design of the Joggins Fossil Centre (which received a Medal of Excellence in the Lt. Governor's Design Awards in 2008, and was published in *Canadian Architect*, *SAB Mag*, and *World Architecture Magazine* in China.) For years, Ron has enjoyed taking part in the B3 summer

round-robin crits at the School of Architecture. This April, he began a two-year term as NSAA President and has been participating in the organization of the first – and hopefully annual – architecture awards gala scheduled for later in 2010.

1985 – Mark Ostry, BArch

Mark Ostry is a founding principal of Acton Ostry Architects, one of British Columbia's leading architectural practices. Recent awards for the firm's work include a Lieutenant Governor of British Columbia Medal in Architecture, two Canadian Green Building Awards, two Heritage BC Awards including an Outstanding Achievement Award, and a Northern BC Building Excellence Award of Merit. Three of the firm's projects are featured in the recently published *A guide to Contemporary Architecture in Vancouver*. Mark contributes to the profession and the community, serving on the City of Vancouver Urban Design Panel and the City of Vancouver Artist Live/Work Studio Implementation Committee. He is currently President of the Board of Directors of Pacific Cinémathèque, has been an advisor to the Canada Council and the City of Vancouver Cultural Planning Department, and is a member of the Canada Green Building Council.

1991 – Ron Wickman, MArchFP

At home in Edmonton, Ron attributes his career in universal design to the inspiration of his father, who was in a wheelchair for most of Ron's life. He contributes to conferences and workshops across the country focusing on barrier-free housing and universal design. He is on the board of the Alberta Association of Architects and a member of the Safety Code Barrier-Free Council. He regularly teaches at the University of Alberta, in the Faculty of Rehabilitative Medicine and a continuing education program in Residential Interiors. In his free time, Ron donates as much of his time as possible to universal design projects for non-profit organizations. See website: members.shaw.ca/Rwickman/index.htm

1994 – Kelly Hayes-McAlonie, MArchFP

Kelly left Cannon Design for a job at the University at Buffalo last May where she is the Associate Director for the Capital Planning Group. She loves her new role and has been very busy with various volunteer activities. She is about to become the president elect of AIA NYS and is active on a planning committee for a new Architecture and Design Academy with the Buffalo Public Schools. The academy is a vehicle to prepare students in Buffalo for a university education and is focused on helping students reach college, and attend architecture school.

1996 – Glen McMinn, MArchFP

Glen is Creative Director and a founding partner of Breakhouse, a Halifax-based studio that spans architecture, graphic and interactive design, interior architecture, industrial design, fine art and illustration. Responsible for the design of Halifax landmarks such as Jane's on the Common, Carbonstok, and the Extreme group offices, Breakhouse also counts among its clients Bell Canada, Wind Mobile and McDonalds Canada. Breakhouse has been a leading fixture in promoting progressive design in the city, inaugurating a Pecha Kucha night, creating an annual exhibition and symposium 4 Days-Thinking Forward Halifax, and hosting events to cultivate the importance of art and design, while providing a venue for others to present their ideas. He and partner Peter Wuensch recently lectured on the necessity of design to students of the Ivey School of Business at the University of Western Ontario and the John Labatt Visual Arts Centre in London, Ontario.

1997 – D'Arcy Jones, BEDS

D'Arcy Jones recently received the first Arthur Erickson Memorial Award, a recognition of emerging design talent awarded by Western Living Magazine and the Arthur Erickson Foundation for Excellence in Architecture. Working on Vancouver's East Side, D'Arcy's four-person firm has been quietly producing innovative residential work.

1997 – Sean Rodrigues, MArchFP

After graduation, Sean returned to Vancouver with wife Chantal, had 2 daughters (Danielle in 1998 and Soraya in 2001), became a registered architect and ran a private practice until 2005, when he joined VANOC (Vancouver Organizing Committee for the 2010 Olympic and Paralympic Winter Games). For 5 years, he was Senior Project Coordinator for Construction at the Whistler Nordic Competition Venue, and Project Manager for Whistler Athlete Village Centre, Whistler Volunteer Housing Centre, Additional Team Official Housing/Social Housing project, Four Host First Nation Aboriginal Pavilion, Whistler and Vancouver Transportation depots and spectator park and rides. He was also Project Manager for the BC Place/Canada Hockey Place Exterior works. Now he is a Senior Project Manager with MHPM in Vancouver, leading BC Hydro's Building Infrastructure Group. Sean and Chantal recently celebrated their 14th wedding anniversary and are planning an extended trip to India in December to celebrate.

1997 – Ping Jiang, MArchFP

Ping Jiang is a partner in MAD Architects of Beijing, China. After a brief sojourn in Vancouver, he moved to Chicago to join Skidmore Owings & Merrill. He stayed in the Windy City ten years, working for a number of American firms in design leadership roles before returning to China and joining MAD. MAD Architects is well known in Canada for winning the design competition for Absolute Towers in Mississauga.

2001 – Christopher Sweetnam-Holmes, BEDS

Christopher is a principal in EcoCité Developments, a Montreal-based firm at the forefront of green residential development since 2002. Notable projects include the first EcoCondo project in Montreal, Habitat 1 (which uses 80% less energy than the Model National Energy Building Code), followed by EcoCité on the Canal in Ottawa and a LEED for Homes pilot project. The firm recently completed Abundance Montreal, Canada's first 100% solar condo project. This net-zero energy, three-unit project (with Quebec's largest residential solar array) proves that healthy, comfortable homes with minimal energy costs can be a reality for Canadian cities. Christopher is a director of BioRegional North America, a member of the LEED-NC Design and Construction Taskforce, and was recently elected to the Canadian Green Building Council Board of Directors. He enjoys teaching, presenting at conferences, and speaking to the media about sustainable communities.

2002 – Heather Bowen, MArch

Heather is currently employed by Michael Napier Architecture in Halifax, where she is a Design Team Leader with a focus on seniors' housing, long-term care facilities, health care facilities and sustainable design. She is also working toward her license and recently finished a term as a volunteer board member of the Dal Alumni Association. Heather married fellow School of Architecture alumnus, James Bugden, and they recently celebrated the second birthday of their son, Quintin.

2003 – Steffen Käubler, MURP

Since graduating, Steffen worked for two consulting firms in Halifax and has been busy raising Nadia (2) and Frida (6) with wife Lisa DeLong. His private sector work on urban planning and design projects has been recognized with awards by the Canadian Society of Landscape Architects and the Toronto Design Exchange. Steffen recently returned from Scotland where he was invited by Cairns Intersphere Consulting Limited to join an international team to assess the regeneration plans for Edinburgh's waterfront, stalled by the global economic downturn. The goal was to explore a new paradigm to restart waterfront renewal.

2004 – Chris Woodford, MArchFP

Chris is living in Vancouver and employed by Gair Williamson Architects. Chris' recent adaptive re-use project, The Keefer, was awarded a Lieutenant-Governor of British Columbia Award in Architecture. 135 Keefer Street is a restoration project that brings new life to Vancouver's historic Chinatown. The design team salvaged a building that was likely otherwise headed for demolition. The reconstruction project program included the insertion of three full-floor suites within the existing shell; an additional residential storey; roof deck; outdoor kitchen facilities and loggia, and a ground floor restaurant. The Keefer was named one of 2010's best new hotels by Condé Nast Publication and was featured in the July issue of Azure Magazine.

2006 – Keith Tufts, MArchFP

Keith is a principal at Halifax-based Lydon Lynch Architects where, as the firm's Senior Environmental Designer, he is developing a national reputation in sustainable building design. He was the principal designer for Halifax's new Seaport Market, one of the most environmentally-efficient buildings in North America. He is currently Lead Designer on the Lunenburg County Lifestyle Centre, an ultra-green project featuring a community pool, NHL-sized rink, library and community centre in Bridgewater, NS. As part of a group working on the Cheticamp Children's Amphitheater, Keith won a 2006 Lieutenant Governor of Nova Scotia Arts Award and the 2005 National Post Design Exchange Gold Medal. Keith has also worked on environmental projects for Jersey Devil in Seattle, Diamond Schmitt Architects in Toronto and Keen Engineering in Toronto.

2006 – Kevin Brooks, MPlan

Kevin moved to Fort Saint John, BC, with wife Nikki and son Torin, to take up a newly established position as City Planner. His focus will be on broad city-wide planning and sustainability initiatives, such as carbon net zero housing, active transportation and various urban design projects.

2007 – Jane Dauphinee, MPlan

2007 – Brad MacDonald, MPlan

In March 2009, Jane and Brad married at a small ceremony in Banff attended by fellow Dal graduates. They acquired Municipal Planning Services Ltd., a company based in Edmonton, AB that provides planning support and services to rural communities throughout Alberta. Jane is Principal/Senior Planner. Brad, when not trying to make a go at professional

road hockey, is a Planner with Scheffer Andrew Ltd. They are enjoying their life spent in Edmonton and on Alberta's ski slopes, and are expecting their first child (MPlan '35?) in January.

2008 – Jennifer Myers, BCD

Jen is a planner in Calgary, where she serves on the sustainability committee for AECOM. She is currently working on the new Parallel Runway at Calgary International Airport which, at 4.26 km, will be Canada's longest runway. Jen got engaged in the spring while in Cuba and is looking forward to her wedding next summer in PEI!

2009 – Mason Lampard, MArch

After graduation, Mason moved to Vancouver where he now works with Busby Perkins and Will, an integrated architecture, interiors, and planning firm. He is focused on starting his internship process and learning as many technical and design skills as possible on the road to becoming a registered professional.

2010 – Leah Sturgess, MURP

Leah moved back to her home province and now lives in Edmonton. Her hard work on her thesis topic, "The Effect of Regional Planning on Intermunicipal Cooperation in Alberta" seems to have paid off. She is employed by the City of Edmonton as an Intermunicipal Planner!

Laura MacCormick, BCD Hons

In August, Laura started a full time job as a Planner with Adam Brown, a land use planning and urban development lawyer in Toronto. She assists in applications for plan amendments, zoning by-law amendments and minor variances. She is pleased with this opportunity and the learning opportunity it presents.

Robert Ruggiero, BCD Hons

Robert is en route to Brussels to start a Master of Arts in European Urban Cultures. It's a collaborative programme, and he will be studying in Belgium, the Netherlands, England, and Estonia.

Call for photographs

Next year is the 50th anniversary of the founding of the School of Architecture. If you have some great photographs of your years at Tech-TUNS-Dal, we would love to have a digital copy for our archives and to help in planning our celebrations.

Class of 1980

In July, members of the class of 1980 got together for their 30th reunion celebration! Attendees included Sebastian Butler, George Cotaras, John Hearn, Christopher Manson-Hing, Dan O'Reilly, Eric Rojo, Victor Suen, Nancy Legate, Ian Robertson, Cynthia Street,



and Catherine Umland. The reunion kicked off with a Friday night reception at the School, followed by dinner at the Shoe Shop, a sailing tour of the harbour, a lobster boil, and a day at Martinique beach! Some came from as far as Vancouver and California to enjoy a sunny, fun filled weekend with their classmates!

New NSAA members!

Congratulations to the following alumni recently inducted into the Nova Scotia Architects Association: Monica Sweetapple (MArchFP '91), Lisa Tondino (MArchFP '91), Troy Scott (MArchFP '03), Tina Smith (MArchFP '03), Gabriel Prost (MArchFP '06), Rayleen Hill (MArchFP '06) and Jane Abbott (MArchFP '06). They were welcomed at the annual general meeting in May by outgoing president Therese LeBlanc and incoming president Ron Burdock.

Dalhousie Fund enriches student experience

In 2009-10, alumni gifts to the Dalhousie Fund supported a range of student-initiated, student-led extracurricular activities. Some of the highlights: MPlan student participation in the CIP Annual Meeting; cross-school participation in the Dal Student Union-led Brains for Change conference; BCD students helping lead a contingent to Louisiana to work on a Habitat for Humanity project; and our annual entry into CANstruction, a food fundraiser for the local community. This year, the Dalhousie Fund will also support the ASA lecture series, allowing for two or three speakers to be invited each term.

First Nations Community Planning



Over the past four years, students, planners, and faculty researchers at the Cities and Environment Unit (CEU) have been working on a pilot project to assist 11 Saskatchewan First Nations communities shape their future.

The CEU is an action and applied research group focused on community planning, that has been based in the Faculty of Architecture and Planning since 1993. With over 15 years expertise in working with communities, the CEU's involvement with First Nations in Saskatchewan has led to a level of engagement in the planning process never before experienced in these communities. CEU founder Professor Frank Palermo describes how the process unfolds and where it leads:

"The process begins by providing opportunities for communities to gather, decide where they want to go, and determine what skills and resources they need to get there," he says. "The goal is for the community to become aware of its potential. The next step is to assist the community in using locally available resources creatively to influence positive change."

How does this work? Frank explains: "by providing examples and a view from the outside, people are able to come to grips with their stumbling blocks and see how to move forward. The CEU helps communities to set goals by instilling a sense of hope and actions." This translates into a profound benefit to the communities, and a rich learning experience for students

wanting to put their planning education into practice.

After plans are in place, students help to realize a portion of the plan. An example this past summer was the Kinistin Arbour Free Lab. The creation of an arbour complex was one of the first steps identified as an objective in the comprehensive community plan – to strengthen traditions, celebrate culture and increase ownership of community improvements in Kinistin, Saskatchewan. The arbour provided a quality communal gathering space and made use of available resources to accomplish a previously unattainable community goal.

For two weeks, Kinistin community members worked with a dozen Dalhousie students and graduates on the arbour. The community was able to muster more internal support than they had ever imagined possible – from donated telephone poles out of a farmer's field, to myriad construction and interpersonal skills. "It was a terrific project for us from a technical perspective," reflects Brad Pickard, a member of the design-build team, "but working closely with the community was a great learning experience for us all."

The CEU's community plans and its associated design-build projects are a success story for everyone touched by them. In 2008, the Unit received the prestigious Canadian Institute of Planners Award for Planning Excellence in the category of Rural/Small Town Planning. And for the communities involved, says Frank, "they have been inspired to re-think and re-see their resources in a creative way to achieve a positive outcome. This mindset builds on itself, leads to more opportunities, and leaves the community with an attitude and an approach to making positive change a reality."

An exciting result of the work has been the creation of a network of several First Nations Communities in Saskatchewan. This planning network will act as a way of informing other communities about the benefits of community planning. It will also help communities realize their plans by sharing resources and skills and will keep the process of community planning and implementation at the forefront of First Nation priorities. "At the end of the day," Frank says, "communities with plans use them." For more information on the CEU, please see the website: ceu.architectureandplanning.dal.ca



Pow-wow arbour, Kinistin, Saskatchewan

Architecture and Planning

Coming and goings

The School of Architecture has appointed three new adjunct professors to serve as MArch thesis examiners: Carol Burns (Boston), Brian Carter (Buffalo), and Peter Sassenroth (Berlin). We would like to thank outgoing examiners Jacques Rousseau and Peter Lynch.

We are sad to announce that our friend and colleague, Terrance Galvin, has stepped down as Director and will be resigning from his position in the School of Architecture at the end of the year. This July, Terry and his wife Rebecca enhanced their family with the addition of twin girls Sophia and Heloise. Rebecca has begun a PhD program in Montreal and Terry has decided

to pursue his career there as well. We are grateful for the dedication and talents Terry so generously shared with his students and colleagues. He is an inspiring and enthusiastic teacher, an able administrator, and a well-liked and admired colleague. We wish Terry and Rebecca success in their careers and a happy and fulfilled life.

Alumni Officer Anne Swan and her husband Lukas are expecting their first child in late December. Nancy Farmer will be filling in for Anne during her maternity leave, all of 2011. Please make a note in your address books to send your news items or updates to Nancy.Farmer@dal.ca.

Upcoming events

March 2011, Toronto: Sexton Campus Event hosted by Christine Macy and Josh Leon.

May 2011, Vancouver: Architecture and Planning Alumni Reception hosted by Christine Macy

May 2011, Calgary: Annual Engineering & Architecture and Planning Lobster Dinner

October 2011, Halifax: Homecoming 2011 – 50th Anniversary of the founding of the School of Architecture!

ARCHPLAN is edited by Anne Swan and Christine Macy



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