

DECEMBER 2008

SITELINES

Landscape Architecture in British Columbia



CHANGES

appearance | labour mobility | welcome/farewell | lifestyle/learning | roof design



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The purpose of Sitelines is to provide an open forum for the exchange of ideas and information pertaining to the profession of Landscape Architecture. Individual opinions expressed are those of the writers and not necessarily of those of the BCSLA.

Changes

"The only thing constant in life is change." François de la Rochefoucauld 17th c.

My trees have been a blaze of autumn glory... glorious red. With that I have found a new version of seasonal red and green, in the first week of November, and with the backdrop of the blue sky of a warm late fall day and the sharp contrast of dark glossy green Portuguese laurel leaves with their carmine stems, a lovely transitory balance is struck.

The changing seasons visually remind us of the many constant and ongoing changes in our lives, and this issue concerns itself with some of them. We are introducing a new version of Sitelines Magazine in coordination with the rebranding initiatives that were illustrated in the last issue.

As part of the rebranding process, and the further development of the BCSLA webpage Sitelines.org, it seemed like a good time to review all aspects of how we are presented to the public, and Sitelines, the magazine, is one of those ways. Odette Hidalgo, Sitelines graphic designer, was tasked with developing a new image for the magazine. Her concepts were presented to the Board of Directors recently and we were given the go ahead to launch Sitelines new format. It is still visually similar to our recent appearance, but you will notice changes, including the new word mark for BCSLA that appears on this page. I am very pleased with the changes to the cover as, although one can't tell a book by its cover, it needs to be intriguing enough that one is tempted to pick it up and look further, and I think the new cover design does that. The bands of colour on the Sitelines.org website were design drivers for the magazine, and assist in further unifying our image.

Changes within our Society and in conjunction with other landscape architecture associations are ongoing (please see the open letter from Blair Guppy), and we welcome new members to ours. We recognize that continuing education is an ongoing part of life, and that even educators retire, as respected UBC professor Doug Paterson will be at the end of December. A Quadra Island roof space is changed from traditional to outstanding at the hands of Cornelia Oberlander and Elizabeth Whitelaw. Changes in thinking about modes of transport and how they might impact our lives are discussed in the reprinted article entitled 'BC on the Move: Planning the Path to Health'.

We hope you like our look at changes, and the changes in our looks.

Jane Green, Editor

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Acer palmatum 'Osakazuki'
Photo by Jane Green

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September 29, 2008

An Open Letter to the Presidents and Members of the CSLA Components

Dear CSLA Presidents and Members:

I am writing to ask that you to join me in beginning a dialogue to discuss how we as landscape architects can take advantage of an historic opportunity presented to us by the Federal and Provincial governments.

Currently there are no Practice Acts or consistent processes of regulation for Landscape Architecture across Canada. Provincial governments continue to show little interest in granting such a mandate to individual provincial organizations and there remain challenges and impediments to consistent and comparable regulation within our profession.

In 2006 the Government of BC and the Government of Alberta signed the 'Trade, Industry and Labour Mobility Agreement' (TILMA). If landscape architecture becomes regulated in Alberta a reciprocity agreement would be required between Alberta and BC.

In July 2008, however, the Provincial Premiers (Council of Federations) proposed legislative changes in the interest of providing "full mobility across Canada for persons practicing in occupations that require a license to work" – to be enacted on January 1, 2009. I believe that the Agreement on International Trade (AIT) agenda offers a long-awaited chance to establish a common set of Practice Acts for Landscape Architecture, consistent with the Provincial government's stated goal of establishing a basis for recognition of trained professionals, both foreign and domestic.

In 2009, the Federal Government will be moving into a more prescriptive phase of its work in establishing the AIT (introduced in 1995). Momentum is clearly building, and the possibility of change is being driven by political will within both levels of government.

Since Title Acts were established in British Columbia and Ontario, education and training options have expanded, construction techniques, technology, and development codes have become increasingly complex, and the scale of work has continued to grow dramatically. Unfortunately, provincial laws that set forth who can – and can't – practice Landscape Architecture across Canada remain unchanged despite the efforts in Alberta and elsewhere.

Landscape Architecture is a self-regulated profession in both BC and Ontario, as are collateral professions such as Engineering and Architecture. Despite recent attempts to enhance and streamline reciprocity, there remain limited provisions to license practicing Landscape Architects nationally, or internationally.

Recognizing that the increased labour mobility mandate seeks to maintain the highest standard of professional practice and public duty, meaningful dialogue between us – the CSLA component organizations – will require the acceptance of a systematic and consistent approach to the qualification of Landscape Architects. This approach has the potential to raise the level of professional responsibility, our public profile, and opportunities for Landscape Architects across Canada and internationally.

The opportunity is this: If we, the member organizations of the CSLA, can provide a common model which is attractive to the needs of all provinces, it is likely that all Provincial governments will take an interest in granting us a common legislative and regulatory framework – one that defines the Landscape Architect's field of practice and our duties to the public, and which establishes labour mobility nationwide. In this context, the rewards for establishing common ground between the CSLA component organizations on the development of a 'Model Act' are clearer, and more attainable than ever before.

To advance the broader discussion of the opportunities before us, I am proposing that the CSLA component organization Presidents meet, either before or during the CSLA meeting in Moncton, to discuss opportunities and a process to establish a common model for a practice act that will benefit all. I look forward to your comments and participation within this unique opportunity to move the profession of Landscape Architecture forward across Canada.

Sincerely,



G. Blair Guppy
BCSLA President

USE of Title

The BCSLA Credentials Committee recently met to review membership applications. Several candidates referred to themselves as “Intern Landscape Architect” or “Consultant, Landscape Architecture” in error.

The title is regulated in order that members of collateral professions, the construction industry, government and the general public are assured that an individual has completed an accredited professional degree, followed by documented experience in a range of practice areas, and has met the requirements set out in BCSLA professional exams. Firm principals are reminded that in BC Use of Title is governed by the Architects (Landscape) Act:

Designation

- (1) A person who is a member in good standing of the society is entitled to use the designation “Landscape Architect”.
- (2) A person who is not a member in good standing of the society must not assume or use that designation in any manner or represent that the person is entitled to do so.

The complete statute is available online at http://www.qp.gov.bc.ca/statreg/stat/A/96018_01.htm.

In accordance with BCSLA Bylaws

- 2.4 Every person who is a Registered Member in good standing of the Society is entitled to use the designation “Registered Landscape Architect”; no person who is

not a Member in good standing of the Society may assume or use that designation in any manner or represent that he or she is entitled to do so.

- 2.5 A Landscape Architect must apply to the Board to use the title “Registered Landscape Architect” or “Landscape Architect” or; “Landscape Architects” or “Landscape Architecture” in a firm or company name registered in British Columbia for a landscape architecture practice employing one or more Landscape Architects. The Board may allow such use of the title, subject to a written agreement of terms and conditions set by the Board, and duly entered into by the Landscape Architect. Use of

the title by the subject firm or company may continue only on strict compliance with the terms and conditions of such agreement.

and

- 2.20 (b) BCSLA Intern: An Intern is an Associate who has been accepted by the Board into the admission program for Membership in the Society, and on such acceptance the applicant is entitled to use the designation “BCSLA Intern”.

The BCSLA Bylaws are available at <http://www.bcsla.org/profession.htm>.

The BCSLA Use of Name Policy is available at <http://www.bcsla.org/pdf.htm/Name%20Policy.pdf>.

The BCSLA Credentials Committee

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Welcome New Members

Respectfully Submitted By:
Andrew Robertson, Registrar

BCSLA BOARD OF EXAMINERS

Architects (Landscape) Act [RSBC 1996] Chapter 18 (Section 8) and Section 2.22 and 3.67 of the BCSLA By-Laws (as am. 2008).

Purpose:

- To clarify the role of the BCSLA Board of Examiners and the procedure by which the Oral Examination of potential members shall be conducted.

Role of BCSLA Board of Examiners

- To set and administer the examination necessary for the registration of members in the British Columbia Society of Landscape Architects.
- To review the applicants qualifications and determine acceptability.

Membership of the Board of Examiners

- As per the The Lieutenant Governor in Council shall appoint aAArchitects (Landscape) Act board of examiners of not less than five (5) persons, among whom shall be:
 - a. A person nominated by the Principal of Kwantlen University College.
 - b. A person nominated by the Director of the School of Architecture of the University of British Columbia;
 - c. a person nominated by the Dean of the Faculty of Agriculture of the University of British Columbia.
 - d. the President of the Society; and
 - e. a person to represent the public interest in the furtherance and maintenance of proper standards of professional practice in Landscape Architecture in the Province.

Congratulations!

As a result of two sittings of the BCSLA Board of Examiners we are pleased to welcome the following newly Registered Landscape Architects: Hanako Amaya, Carolyn Donnelly, Shira Golden, Allison Good, Dale Johnston, Markthor MacFarlane, Keith Nyhof, Phil Rinn, Richard van der Heide, Scott Watson and Jana Zelenski. John Gauld has returned to BC and has been re-instated as a Registered Landscape Architect after leaving the province for an extended period of time. Ian Haras has been added to the Landscape Architect membership roster. We wish you good luck in your careers.

Thanks to the Board of Examiners for dedicating their time and expertise to BCSLA.

- The Past President of the BCSLA is the Chair of the Board of Examiners.
- The Registrar of the BCSLA is not a member of the Board of Examiners but is responsible for the presentation to the Board of all Applicants for membership.

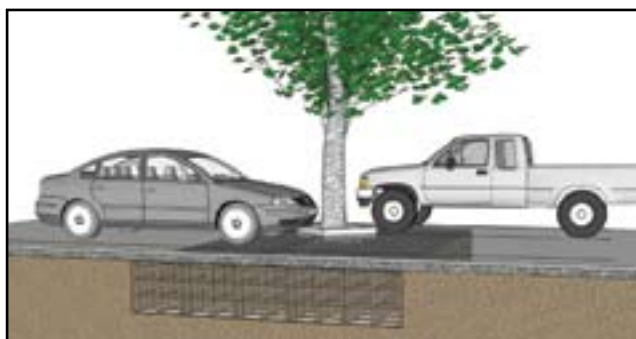
Pre-examination Process

- The Credentials Committee reviews all Applicants for membership. Applicants that meet all of the requirements for membership as outlined in the BCSLA

Bylaws and have sufficient practical experience will be recommended to write the pre-examination sections of the LARE examination system.

- Upon successful completion of the pre-examination process the Credentials Committee will recommend to the Board of Directors that the applicant meet with the Board of Examiners.

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reflections on the retirement of Douglas Paterson FCSLA, MBCSLA

By Cecilia Achiam, BCSLA



Doug Paterson, Photo by Will Marsh

By now, most of us have heard that our esteemed colleague and friend, Doug Paterson, will be retiring from UBC at the conclusion of 2008. His professional accomplishments are numerous, and his contribution to civil society immeasurable. Like the “George Bailey” character in “It’s a Wonderful Life”, Doug Paterson has made a significant impact on the professional and personal lives of many without the faintest expectation for anything in return.

In private practice, Doug was the Senior Partner of Douglas D. Paterson & Associates Ltd., Winnipeg & Vancouver, and a Founding Partner of Lombard North Group, Winnipeg, Calgary, Edmonton & Regina (LNG). As part of LNG, Doug provided consulting services to the Manitoba and Saskatchewan governments and helped establish community development plans for Northern communities of Red Sucker, Uranium City, Oxford House and Manigotogan-Seymourvills. In addition, LDG undertook assessment of and developed plans for Regina’s Parks and Recreation to review its open space system and parks. Doug remains active in consulting by working with numerous practitioners on projects and advising various levels of the government as time permits.

In addition to practicing landscape architecture, Doug has shaped the UBC Landscape Architecture Program. Over 28 years as one of the original faculty members, and as the Program Director for more than twelve years,

he has influenced hundreds of graduates. Doug has supervised close to 100 undergraduate students, and worked with nearly 80 master students and PHD candidates during his time at UBC. He has also been the keynote speaker at numerous conferences and has shared his knowledge as a guest lecturer at various universities and conferences all over the world. Doug is also widely published with publications appearing in *Landscape and Urban Planning*, *Landscape Review*, *Journal of Architectural Education*, *Landscape Architectural Review* and *C.E.L.A. Proceedings and Forum* to name a few.

With respect to writing, Doug has written many papers and lectured on his broad areas of research. A partial list includes urban design theory shaped by languages, patterns and typology; landscape phenomenology as experienced through traditions, memories, place and experience; as well as using the design process for creative problem solving applied in contexts including urban-rural interface, regional open space and recreation planning.

Doug’s service to the community encompasses scholarly societies as well as professional associations. A sampling of Doug’s community service includes being the Regional Director of the Council of Educators in Landscape Architecture, President of the Canadian Society of Landscape Architects (CSLA), and the Founding President of the Manitoba Association of Landscape Architects (MALA). Doug was awarded a Fellowship by the CSLA and the President’s Cup by MALA for his tireless career long contribution to his profession in multiple provinces.

From talking to various well-respected members of the landscape community, it has become clearly evident that Doug’s contribution and dedication reaches far beyond his professional influences. For example, Moura Quayle noted that many in the profession consider him a wonderful friend and mentor. She recalls many Paterson “moments” from their days sharing studio

spaces as faculty colleagues. One highlight involved the planning, reconnaissance missions prior to implementing the many legendary introductory workshops for incoming students to the Landscape Architecture Program. Moura noted that these introductory workshops were designed to inspire and bond the incoming students with landscape, each other and the program.

I can still fondly remember my own participation in the introductory workshop as a first year undergraduate. The Camp Byng experience included team competition to build totem poles with foraged objects from nature; cultural dialogue with some of the exchange students attending the Program; communal meal preparation and sharing, as well as Broadway musical sing along under the direction of a certain faculty member late into the night around the camp fire. The true legacy of these workshops lies in the life long friendships and memories that were forged from these kinds of orientation trips.

While “Sir Douglas” is appropriately rigorous in his marking and his demand for 100% effort from his students, he is hugely generous with his time and his talents. As students, we all lived with a varying degree of an infliction known as “Fear of Doug” (F.O.D.). This healthy respect for his intellect and authority propelled us to do our best work in fear that we would not live up to Doug’s high and sometimes esoteric standards. F.O.D. propelled us in our struggle to understand programming of space, the attempt to comprehend the delights of incorporating playfulness as part of place making, or that “time” as a dimension is as important as the spatial quality in creating memorable places. Many of his former students are now practicing in landscape architecture, planning, environmental design and other related disciplines partly due to Doug’s influence and, perhaps, to fulfill the subversive desire to apply some of these Doug Theories in order to shape the landscape and public realm. ▶

► And who can forget the Paterson lexicon canon? When one encounters a title that begins something like “Place and Placelessness: Fabulous Frustration: A Review of the Work of Ted Relph”, or “Design Language and the Preposition: On the Importance of Knowing One’s Position in Place”, one would naturally come to the conclusion that one has a Douglas Paterson article in hand.

As a former student of Doug’s, I still reminisce about the days when my mind was occupied with lofty notions on how to distinguish the “sacred” from the “profane” in the public realm, or make sense of a “fragmented landscape” while grappling with the “dualities and dialectics of space”. These ideas, along with applying programming as the key to solving design problems were part of the secret for any LARC student to overcome F. O.D. when completing one’s final project or thesis. Today, I still approach urban design and assess a landscape using the same design thinking taught years ago by Doug.

Cynthia Girling, Professor and Chair of the UBC Landscape Architecture Program acknowledged that the program would very

likely not be where it is today without Doug’s vision, direction and dedication. She noted that “Doug’s decades-long passion for human experience of landscape and place, particularly in the public realm, has influenced and enriched the work of many former students and colleagues and thus, we might say, the landscapes of Canada and the world.”

Though Doug is a very private man, one of his strengths is his capacity for friendship and generosity. Doug has an uncanny ability to sense and seek out people in need. He has been known to loan money or to provide just the right encouragement to students in times of stress or to help a friend in need at the drop of a hat. One small example of his thoughtfulness is his tradition to send each student a yellow rose on graduation day regardless of whether Doug is in town to attend convocation or not. I believe that he does this not out of duty but as a genuine token of his affection for his students (or may be as a reward for surviving F.O.D.).

In his retirement, it is anticipated that Doug will continue to teach in the Program, for what would the LARC experience be without

F.O.D.? He will also work on articles and a book, and devote more of his time to his partner and to their other avocation on Salt-spring Island. Perhaps, in the next phase of Doug’s adventure, we can all look forward to new lessons from him on innovations in agriculture and the poetics of sheep shearing.

In closing, on behalf of Doug’s colleagues, friends and students, I would like to extend our gratitude to Sir Douglas for his many contributions and to wish him the very best on his retirement.

Note on Author: Cecilia is a former student of Doug’s, still in recovery from F.O.D. She sits on the Board of BCSLA as part of her ongoing therapy. CA

The School of Architecture and Landscape Architecture would like to honour Doug and all he has done for the program by ensuring the Douglas D. Paterson Scholarship in Landscape Architecture reaches \$25,000, at which point scholarships can be awarded in perpetuity. If you wish to make a tax-deductible contribution to this scholarship, please contact Hanne Bartlett at hbartlett@interchange.ubc.ca.

BC on the Move: Planning the Path to Health

By Heidi Redman and Cara Fisher

Planning our cities for active transportation means shifting walking and cycling from the marginalized to the mainstream.

“Active transportation is the only form of transport that satisfies all attributes of a sustainable transportation system. It includes walking, cycling, using a wheelchair or mobility aids, in-line skating or skateboarding.”

Introduction

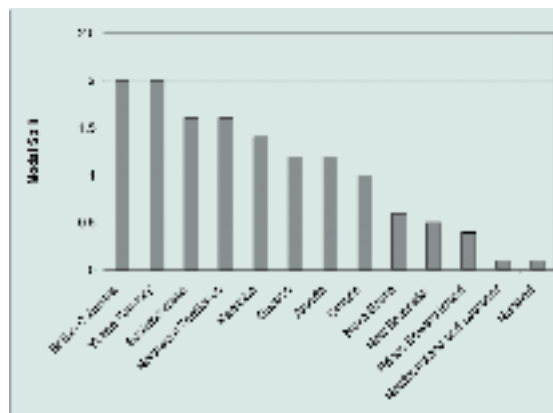
The good news is that British Columbians are leading Canada in physical activity. BC is Canada’s most active province — 59% of residents over 12 are physically active enough to achieve health benefits². Victoria lays claim to the highest cycling modal share³ in Canada, and the City of Vancouver was voted 2008 Best Walking City in Canada by the Canadian Federation of Podiatric Medicine⁴. The bad news is, there is still a lot to do. Despite these accolades, lack of physical activity in our daily lives continues to impact obesity rates in our province. We need to increase the amount of routine physical activity we engage in to truly make a difference. Planning our cities to better support active transportation modes such as walking and cycling offers a way to increase the amount of routine physical activity that is a part of our daily lives. In this arena, Europe is leaving us in the dust. While our province is leading the country in terms of cycling, even the most cycling oriented cities in North America (Vancouver, Victoria, Portland and Seattle) have lower bike modal shares than the least bike oriented cities in the Netherlands, Germany, and Denmark⁵. Many barriers have been cited as to why active transportation has been slower to catch on in Canada:

- It’s too cold here! (Climate) In fact, Copenhagen has a lower average daily temperature than Vancouver, and less average sunlight hours⁶. In spite of our colder climate, Canadians cycle about three times more than Americans⁷. Routine maintenance of route surfaces (including plowing of bike lanes and sidewalks in winter) can help overcome the barriers posed by weather.



- Europe has been like that forever! (Culture) Most people assume that bicycling levels in Europe have always been high. In fact, the increase in cycling modal share in Northern Europe has occurred in the last 15–35 years. Like Canada and the US, these countries continue to have high levels of car ownership but walking and cycling have become a mainstream way of getting around for day-to-day activities⁸.

- Walking and cycling are too dangerous! (Safety) As levels of cycling increase the number of cycling fatalities decreases. Long term data suggests that there is “safety in numbers” — in places where cycling is more mainstream, and prioritized over cars, cycling injuries have dropped. The Netherlands has an extremely low injury and fatality rate, especially compared with the USA and Canada. Safety concerns can be a deterrent for everyone, but especially for children and seniors.



Top image: Complete Street
Bottom image : Cycling Graph

Climate, culture and safety are important considerations, but they should not determine the fate of cycling. Active transportation is the only mobility solution that addresses the combined goals of healthy active living and sustainable transportation. A shift in thinking is required to reposition walking and cycling. We need to give priority to providing transportation choices for people, instead of giving the green light to the private car. So while cycling and walking are also a means of recreation and exercise, it is important to examine the value of commuting — with an emphasis on rationale and measures that promote these forms as an attractive means of getting from one place to another.

Rationale for Change

Provincial and local government, community leaders, and decision makers can support active transportation planning while achieving a number of other goals as well:

- Mitigate climate change. Replacing car trips with walking or cycling greatly reduces the contribution of transportation to air pollution, and improves air quality. Road transport is responsible for over 40% of discharges of suspended particles into the atmosphere.
- Champion sustainability. Integrating active transportation into a city is a way to tie social, economic, environmental, and quality of life goals for a community together.
- Foster a healthy society. In Canada, an estimated \$2.1 billion in annual health care costs can be directly attributed to physical inactivity⁹. Extensive research shows that a poorly built environment affects physical inactivity levels — downstream this can lead to a host of chronic illnesses such as cardiovascular disease, diabetes and hypertension.

- Consider the economic rationale. Walking and cycling facilities cost less than infrastructure for cars and transit, and less land is required for these facilities. Active transportation also needs to be seen as an economic contributor. The Galloping Goose Regional Trail in the Capital Regional District is a commuter route as well as a tourist draw. ▶

- ▶ Promote social equality. Alternative transportation is cheap and therefore more widely accessible and equitable than the private automobile. By creating cities that are made for walking and cycling we create cities that are socially sustainable and “made for people¹⁰.”

Key Policies: Lessons from Europe and the United States

It is time to plan and engineer sustainability and physical activity back into our daily lives. Land-use and transportation planning need to reflect a holistic and comprehensive approach to community building that makes cycling and walking safe and convenient for everyone. Recent research on active transportation has highlighted the success of certain European and American cities in designing for pedestrians and cyclists. Here are some key policy measures that support active transportation¹¹:

- ▶ Provide separate facilities for pedestrians and cyclists. On heavily traveled roads, and at busy intersections people want a space that is reserved and designed for them. Separated facilities (paths on major streets separated by a barrier, or paved off-street paths), and traffic calmed residential streets marked as bike routes are the cornerstones of a safe and convenient network¹². In the ideal situation, pedestrians, bicycles and cars all have separate facilities.
- ▶ Rethink intersections and traffic signals. Assess major thoroughfares and intersections for safe crossing. Enhance street design by putting roadways on a ‘road diet’.
- ▶ Mandate traffic calming. Plan for the eight and the eighty year old. Improving conditions for children and seniors means streets are safer for all road users.
- ▶ Provide bike parking and end of trip facilities. Cyclists, like drivers, want access to convenient and secure bicycle parking. Introduce bylaws that regulate the number, location and design of bicycle parking at new developments.
- ▶ Coordinate with public transport. Connecting alternate transportation networks and modes gives people more travel choices.
- ▶ Provide education and training. Comprehensive traffic education and training

programs should be available to both cyclists and motorists. Promotional events offer a great opportunity to generate enthusiasm and public support for cycling.

- ▶ Introduce traffic laws. Make car use expensive and less convenient through taxes and restrictions on owning, driving and parking a car.
- ▶ Increase data collection. Sound data is needed to back it up — create new data collection procedures to track how well the streets are serving all users. Traffic counts on number of users, routes, number of injuries, etc. can be used to make the case for improvements.
- ▶ Promote compact mixed-use development. Land-use planning that supports higher densities creates neighbourhoods with easy walking and cycling access to shopping and work.
- ▶ Mandate “complete streets”. Complete streets are designed, built, and maintained for pedestrians, bicyclists, transit riders and motorists in that order. Users of all ages and abilities should be able to safely move along and across a complete street.

It should be emphasized that the above policies are a set of mutually reinforcing practices: each supports the other. With a few exceptions, rigorous application of many of these policies (such as separation of bicycle facilities and increased restrictions on the car) has not happened — they are either not yet politically acceptable, or have received little support. Others, however, such as compact mixed-use development, and neighbourhood traffic calming are being applied across BC as a part of normal planning activities.

Convergence of Sectors

A growing body of evidence-based research that proves the built environment impacts activity levels has brought divergent sectors together as part of the “war” on obesity. Physical inactivity is estimated to cost the BC health care system \$211 million a year in direct costs (including hospital, physician, drug, institutional and other costs)¹³.

In many communities, coalitions made up of planners, engineers, health professionals,

educators, elected officials, and concerned citizens are joining forces. In places such as Kitimat, Quesnel and Burns Lake this has happened through the development of “Healthy Community” or “Active Community” Councils. Within government, a combined interest to get people more physically active has resulted in new intersectoral collaboration at a number of levels. The creation of the new Ministry of Healthy Living and Sport in June 2008 is a reflection of the increased priority placed on active living.

(Re-)Aligning with the Health Profession

Historically, planners and public health professionals have worked together. In the 19th century public health departments across Canada were part of municipal and regional planning departments. This partnership arose from the need to address community health issues arising from industrialization.

Today, planning and public health are brought together once again in the fight against chronic disease. Seeking allies in the health sector may seem at odds today as these professions typically work apart from one another. What can a public health professional offer to a planner? In many communities health officers review all new development plans, meaning they can be an ally in supporting the development of bicycle and pedestrian facilities. They bring credibility and health data to the table, which can aid in making the case for active transportation.

In addition, health advocates are often skilled at working in and facilitating multi-disciplinary teams. They do so in working to maintain clean water supplies, or contain disease outbreaks and thus can be valuable allies when multiple sectors come together. Public health professionals can be advocates (and partners) for bicycle and pedestrian friendly communities once the health connection is made.

With comprehensive planning practices that prioritize walking and cycling, and the successful collaboration of concerned sectors, BC could be on the path to better facilities for active transportation. The result? More citizens on the move...

Heidi and Cara both ride their bikes to work. Heidi is an associate with LEES + Associates ▶

► *Landscape Architects in Vancouver, BC. Cara coordinates the Built Environment & Active Transportation (BEAT) Initiative through the BC Recreation & Parks Association. Visit www.physicalactivitystrategy.ca for further information.*

1. City of Calgary, "Plan It Calgary, Active Transportation: Walking and Cycling", July 2008, p.31.
2. Canadian Community Health Survey, 2005.
3. Modal share describes the percentage of travellers using a particular type of transportation.
4. The City of Vancouver's Transportation Plan, which makes walking one of the top transportation priorities, was cited as one of the factors contributing to Vancouver's award.
5. Pucher, J. "Making Cycling Irresistible: Lessons from the Netherlands, Denmark

and Germany," *Transport Reviews*, July 2008, 28:4, p.497.

6. BBC Weather, www.bbc.co.uk/weather, accessed August 22, 2008.
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Heidi Redman is a BCSLA Intern.



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Lifelong Learning and Continuing Education – *Where are we now?*

By Nancy Paul BCSLA
Continuing Education Co-Chair

In this year's Membership package each Member will receive a notice detailing their Continuing Education (CE) credit total for the first three-year reporting period.

This total is a compilation of all credits reported by you, the BCSLA Member, during the years 2005, 2006, and 2007. As you know, the minimum number of credits required in this three-year period is thirty (30). Many of you have far exceeded the 30 credit minimum, The CE Committee is providing the CE Credit Summary as a reminder to all Members that at the end of the next three-year reporting period (2008, 2009 and 2010) each Registered Landscape Architect, Landscape Architect and Intern Member will be required to report a minimum of 30 credits New Members will be required to submit credits on a pro-rated basis. Members in the Inactive Landscape

Architect category are required to continue their education and to meet a minimum standard of fifteen (15) credits over a three-year period. There are consequences for non-compliance as the CE Committee volunteers conduct random audits and review the CE submissions on a regular basis.

Lifelong learning is essential for all professionals who want to stay current in this world of change. Mandatory Continuing Education in the allied professions such as ; Architecture, Engineering, Planning and others have been in place for some time. The decision by the BCSLA Membership, in 2003, to establish Mandatory CE was unanimous and indicated a commitment to support the responsibilities of the profession as stated in our Bylaws and the **Architects (Landscape) Act, Section 11, RSBC 1996**. An excerpt from the Act is below.

Objects

- a** to uphold public health, safety and welfare as it relates to the professional practice of landscape architecture in British Columbia;
- b** to nurture and further the professional application of landscape architectural knowledge and technique as it relates to the planning, design, development, preservation, protection, restoration, reclamation, rehabilitation, enhancement and management of the environment;
- c** to advance landscape architectural knowledge and technique;
- d** to further and maintain proper standards of professional landscape architectural practice in British Columbia. ▶



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► A complete copy of the Bylaws and the Act is available at www.bcsla.org.

Over the past four years the CE Committee has received a number of questions about credit allocation for specific learning activities from the membership. Because it is up to the individual Member to assign credits for each activity all Members should read and familiarize themselves with the BCSLA CE POLICY, a document that is available on the BCSLA webpage under Continuing Education. For those of you who would like a quick overview of assigning credits the following rules apply:

	Activity	Credit
1	Full time employment as a Landscape Architect	6 credits
2	Full attendance at the AGM plus BCSLA programs	4 credits
3	Full day attendance at a conference, seminar or workshop that is relevant to Landscape Architecture	2 credits
4	Half day attendance at a conference or an evening lecture that is 3 hours in length	1 credit
5	Per year service on a BCSLA committee, Design Panel, Environmental Group or similar	3 credits

Other activities such as Self-Directed Study, Teaching/Writing, and Personal Development are listed in greater detail in CE POLICY . ►



CE Specimen Trees tour participants 2008. Photos by Nancy Paul



Landscape CAFÉ

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Make a plan - a house and site plan that bring you and create a masterpiece!



Join these awarding winners for an evening of wine, laughs and professional expertise!

Marlene Thompson
Marlene received a BA in Landscape Architecture from the University of British Columbia and an MBA in Business Administration from the University of British Columbia. She has over 20 years of experience in the landscape architecture industry and is currently working as a senior advisor and designer with Evergreen, a national non-profit organization, providing ecological consultations and designs to lower mainland residents.

Thursday, May 1, 2008 - 5:30 pm - 10:00 pm
Refreshments: \$20 per person incl. Wine - \$20 per person
Place tickets & enquiries to: Enquiries - Advisory Board
800 West 10 Avenue, Vancouver, BC and all participating entry centres
Cost: including SBT Light refreshments - \$100
BCSLA Members and their guests: \$50 - \$200 - \$400 - \$600
8th Avenue, Vancouver, BC

Rainwater CAFÉ

Complete Rainwater Management Seminar

Many landscape architects in British Columbia have been providing water management solutions for residential, commercial and public clients. This seminar will discuss the latest in water conservation, water reuse and wastewater capture.



The combination of alternative management practices provides the full suite of options for rainwater management.

Join us on November 4, 2008 FOR THREE TOPICAL SESSIONS!

- Current problems and solutions around the world in water management.
- Adding storage and solutions to rainwater management using the latest Science Water provided by Seattle-area.
- Practical Implementation of Rainwater Management in local projects.

The Rainwater Café will be providing three of seven rainwater sessions.

Special Feature: A live demonstration of rainwater management systems (water capture, storage, treatment, distribution) will be held on site. This will include a live demonstration of the rainwater harvesting system and the water reuse system. Participants will also be participating in a water reuse challenge. This will include a live demonstration of the rainwater harvesting system and the water reuse system.

Don Oberthur, BCSLA, design and construction consultant of alternative water systems and water reuse systems, will be presenting on the design and construction of rainwater harvesting and water reuse systems.


Cost: Participants will gain understanding of the rainwater harvesting system, the water reuse system, and the rainwater harvesting system. Participants will gain understanding of the rainwater harvesting system, the water reuse system, and the rainwater harvesting system.

Saturday, March 6, 2008 - 9:00 am - 3:15 pm
Pacific Peninsula Hotel - Marine Building - Vancouver: 1217 Marine Street, Vancouver, BC
Cost: including SBT, morning refreshments (breaks and lunch)
BCSLA Members and their guests: \$50 - \$100 - \$200 - \$400 - \$600
Non-members: \$75 - \$150 - \$300 - \$600
Refreshments incl. cost: \$50 - \$100 - \$200 - \$400 - \$600

Please fax your completed registration form to
February 19, 2008 at (604) 681-2334
For more information please call (604) 681-2334
at Evening Seminars - always presented by the BCSLA

Landscape CAFE

Structural Cells for Trees and Storm Water



Presented by: James Urban, FASLA, ISA

STRUCTURAL CELLS is a novel structural treatment designed by the ISA and the BCSLA for the 2007 ISA-ASLA Fall Conference for the South West region of the United States. It is a structural treatment designed by the ISA and the BCSLA for the 2007 ISA-ASLA Fall Conference for the South West region of the United States. It is a structural treatment designed by the ISA and the BCSLA for the 2007 ISA-ASLA Fall Conference for the South West region of the United States.

Monday, October 29, 2007
Refreshments: 6:00 pm, Presentation: 6:30 pm
Plaza 500 Hotel and Convention Centre, Grande Centre
300 West 12th Ave., at Cambie, Vancouver, BC
Cost refreshments not included; SBT will be added to cost
\$25.00 BCSLA Members and their guests
\$35.00 Non-Members
Unreserved pay parking available

Please fax your completed forms to BCSLA by
October 18, 2007 at (604) 681-2334
For more information please call (604) 681-2334

► The three-year reporting period was designed to allow flexibility for those Members who might find their normal work schedule interrupted by family commitments, travel, illness, etc. For example, if you earn 30 credits in your first two years, you are not required to file any credits in the third year.

It's also important to remember that while credits are transferable within the designated three-year reporting period you cannot transfer extra credits to the next three-year reporting period. Earning more than 30 credits in a three year reporting period is commendable, some Members have truly impressive totals, but the best reward for extra credits is the satisfaction of knowing that you are expanding your knowledge base.

To summarize, mandatory Continuing Education is a minimum standard designed to keep professionals abreast of the advances taking place in our profession. This self reporting program allows the Member to use his or her judgement in determining what is relevant to the professional practice of Landscape Architecture. Reporting credits on-line on the BCSLA website is easy and can be done at any time, preferably immediately after you have participated in a CE activity. Members who reside outside a large urban centre can easily earn credits by reading, volunteering, submitting an article for Sitelines and more. Even our Members that live abroad, sometimes in developing country, are submitting their credits in a timely fashion.

Thank you to Yolanda Leung, Barry Potvin, Dimitri Samaridis and Dave Thompson for serving on the CE Committee. If you would like to have a say in the CE Program you would be most welcome on the Committee. This is a wonderful opportunity to help plan activities and events while making the CE program a success.

Please remember to report your 2008 credits by the end of the year, we're counting on you!

Collage of Past CE Learning Sessions

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- Huckleberry LedgeStone
- Huckleberry Flagstone
- Huckleberry Boulders

On behalf of the BCSLA Board of Directors we welcome the opportunity to invite you and your family and friends to the

BCSLA
Festive Season Party

**6:00 pm to 11:30 pm
Friday, December 12, 2008**

**Bloedel Conservatory in
Vancouver's Queen Elizabeth Park.**

The no host bar will benefit the UBC Landscape Architecture Student Association. Refreshments will be served. As parking is limited we encourage everyone to car pool using a designated driver or take public transit.



*Display at Festival of Lights,
VanDusen Botanical Garden*

Please RSVP by December 10, 2008 • T: (604) 682-5610 • admin@bcsla.org

Green Roof Quadra Island for Leisure Hours

By Cornelia Hahn Oberlander CM FASLA, FCSLA, BCSLA
and Elisabeth Whitelaw CSLA BCSLA

A new home on Quadra Island was nearing completion when the owners realized that a magnificent space had been created on their roof with framed views to the sea across Sutil Channel. They also knew the value of green roofs for insulating the house from warm and cold as well as slowing down stormwater runoff. They contacted Cornelia Oberlander to investigate the possibility of making the roof into a primary amenity for the enjoyment of their beautiful property. Armed with two chairs, a tape and some markers Cornelia explored with the owners locations for wooden viewing platforms linked by a series of boardwalks, floating above a carpet of green. A walk along the gently undulating surface of the roof would replicate a walk through the surrounding forest, creating a personal sky walk not unlike the experience currently being developed by parks around the world to introduce people into the world of the tree canopy.

The waterproofing was done by Hedefine Contracting Ltd of Quadra Island. Oberlander recommended that the drainage and growing medium be built according to ZinCo Canada specifications and detailed drawings. The profile from the roof waterproofing membrane was:

1. Root Barrier
2. Moisture & Protection ZinCo Mat SSM 45
3. Drainage Element ZinCo Floradrain FD25
4. Filter Sheet ZinCo SF
5. Growing Medium ZinCo Extensive. Depth 6 – 8 cm
6. Plant Material

A sun study of the roof was conducted to determine light levels for plant material. Native sedums were chosen for the sunny areas along with some native flowering bulbs. For areas of dappled and dense shade native mosses were collected from the surrounding property. The plugs for this project were grown by Nat's Nursery and delivered by



Photo: Shane Tillapaugh,
Partially Completed Roof

Sketches: Top:
Elisabeth Whitelaw, Concept Plan
Right:
Elisabeth Whitelaw,
Sun Study Diagram

freight to the remote site in boxed condition. They were carefully planted by Shane Tillapaugh and his crew from Eco Island Gardenscapes of Comox, B.C.

As a transition between the viewing platform on the larger roof and those on the smaller roofs, a glass bridge was designed to introduce a dynamic element, reflecting the sky and the movement of the trees. For reasons of cost, this feature was not included in the work done in the late summer of 2008.

Plant List

Sedum spathulifolium Cape Blanco / Cape Blanco Stonecrop

Sedum spathulifolium Carneia / Carneia Stonecrop

Sedum divergens / Spreading Stonecrop

Sedum oreganum / Oregon Stonecrop

Allium acuminatum / Hooker's Onion

Credit Line:

Landscape Architects: Cornelia Hahn Oberlander CM FASLA, FCSLA, BCSLA and Elisabeth Whitelaw CSLA BCSLA

Waterproof membrane: Hedefine Contracting Ltd of Quadra Island

Extensive Roof Garden System: Zinco Canada Inc. with Architek, Vancouver

Plants supplied by: NAT's Nursery, Langley

Installation: Eco Island Gardenscapes, Comox

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For more information on VanDusen Botanical Garden and its events, visit www.vandusengarden.org



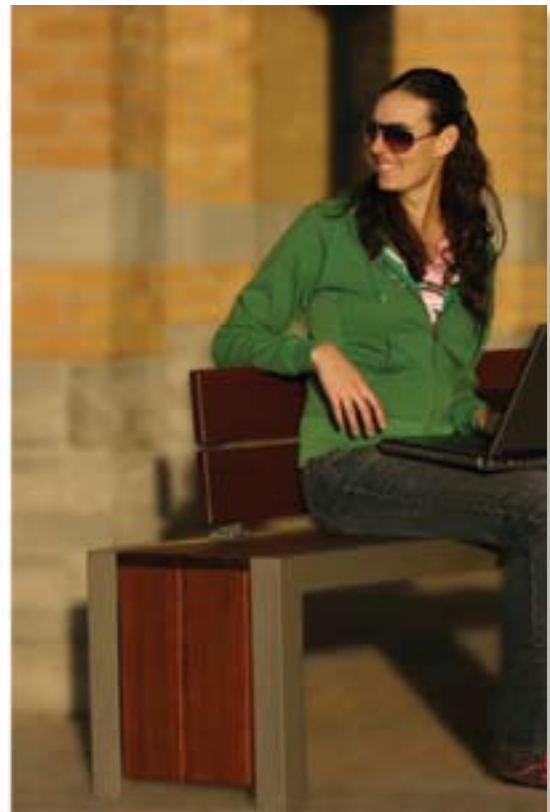
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