

British Columbia Chapter A4LE

2018 Spring Conference

New Horizons In Modern Learning

Surrey, BC
April 19-20

Program

THURSDAY, APRIL 19, 2018

11:30am	A4LE BC Chapter Executive Meeting Civic Hotel - 13475 Central Avenue Plaza Board Room A
1:30pm	Conference Registration Civic Hotel Foyer
2:00pm	Busses depart for Tour 1 (Civic Hotel Lobby) Salish Secondary School - SD36 presented by Kerry Mangus Sheila Hammond , and Simon Lim
4:15pm	Busses depart for Tour 2 Surrey Central - SFU Campus presentation by Andy Tashiro , and Sarah Bjornson
5:45pm	Return to Hotel - Walking
6:45pm	Registration and Meet & Greet Social Event Civic Hotel - 13475 Central Avenue Civic Foyer
7:30pm	Sponsor Presentations
9:00pm	Bar Closes

FRIDAY, APRIL 20, 2018

7:30am	Conference Registration and Learning Credits Civic Hotel - 13475 Central Avenue Civic Hotel Foyer
8:00am	Breakfast and Platinum Sponsor Presentations Civic Ballroom
8:30am	Welcome and Introductions
8:45am	Key Note Speaker - Dr. Dieter Breithecker Health and Kinetics Scientist
9:45am	Coffee Break
10:00am	Key Note Speaker - Dr. Lennie Scott-Webber Research on Learning Spaces
12:00pm	Sponsor Presentations
12:15pm	Buffet Lunch Civic Ballroom
1:00pm	A4LE BC Chapter Annual General Meeting
1:30pm	Workshop by Nick Salmon from Collaborative Learning Network Reflections on Teams, Time and Space
4:00pm	Coffee Break
4:15pm	Key Note Speaker - Philip Riedel Applying the Research
5:00pm	Closing Remarks

Salish Secondary School - SD36



With a district mandate to embrace 21st century learning in the development of its new facilities, the KMBR design team worked closely with the Surrey School District's facilities director, steering committee, and educational leadership to re-envision a new secondary school from the ground up.

The new school will support 1,500 students and features 10 Learning Communities consisting of various sized learning spaces surrounding an open wet/dry project space. These agile learning spaces incorporate the latest technologies, movable walls, writable surfaces, plenty of natural light, and support core principles such as anytime-anywhere, collaborative, project and inquiry based learning.

Re-jigging the template for school design required a fresh perspective, starting with new names for traditional spaces. Music, arts and drama become "MAD" Labs and the metal and wood shops become "TED" (Technology Engineering and Design) Labs. Learning spaces incorporate discovery labs, break-out and multi-purpose gathering spaces, and learning commons with Makerspaces.

Surrey Central - SFU Campus



Simon Fraser University Central City Podium Two Tenant Improvement, Surrey, BC, Canada (2009-2011): WSP was responsible for the 46,500 square feet tenant improvement at the Central City complex for SFU. The LEED Gold targeted project included offices, classrooms and laboratories. Client: SFU Project Value: \$6M

Electrical work included the following:
Power distribution to all areas provided utilizing the existing raised floor and overhead ceiling spaces. Power distributed to new local panels from base building distribution panels. Suspended linear and recessed light fixture were provided. Energy saving technologies utilized to minimize energy consumption. Fire alarm devices provided extending the existing fire alarm system.

Bios



Kerry Magnus, Architect AIBC

"Employed by School District No. 36 Surrey (SD36) for over 17 years as the Associate Director, Capital Project Office (formerly BMS). I am honoured to lead a talented team responsible for successful delivery over 50 major capital projects, including new schools, additions, modular classrooms, renovations and seismic upgrades. I am especially proud of orchestrating development and completion of "District Education Centre" and "Resource and Education Centre" for SD36. Salish Secondary is the newest flagship school designed to support the District's "Learning by Design" – vision for Learning."



Sheila Hammond, Principal Ecole Salish Secondary

"I have been an educator for 30 years. I have worked in a variety of school districts both in and outside of British Columbia. I was hired to the Surrey School District 24 years ago. I started my career teaching PE and Social Studies before becoming a counsellor and eventually moved into Administration, first as a Vice-Principal and for the past 7 years, as Principal of Johnston Heights Secondary. I am both honoured and humbled to be appointed Principal of Ecole Salish Secondary, as it is the first 21 Century school in the District. I am excited for September to see both teachers and students teach and learn along side each other in this building that was created collaboratively with the Surrey teachers, the School District and KMBR architects."



Simon Lim, Architect AIBC, MRAIC

“I’ve worked for 27 years to develop schools that impact how people learn. Every school project, without exception, has taught me something new – Salish Secondary is no different, and today I can say that it is the highlight of my career. Supporting the design and development of a facility that will inspire and engage a new generation of educators and students is a fulfilling endeavour. Working with School District No.36 to translate their goals and aspirations into design has been an incredible experience.

My career has provided numerous opportunities for learning and growth. I graduated from the UBC School of Architecture and have worked in education for the majority of my career starting at Howard / Yano Architects and, for the last 16 years, working at KMBR Architects as a Job Capitan and now an Associate.”



Andy Tashiro, P. Eng., LEED AP

A senior project manager at WSP, Andrew has been an electrical engineering consultant in the design/construction industry for over 28 years, during which he has collaborated with other top design professionals on a diverse number of building types. Andrew brings a strong focus on business development, project management and collaborative design. He is always looking to bring innovative solutions to design and construction challenges. Andrew is a LEED Accredited Professional and has collaborated on numerous LEED certified projects. He was also the electrical PM for a Living Building Challenge certified building (SFU UniverCity Childcare Centre - CaGBC Award Winner).



Sarah Bjornson, Architect AIBC

A Partner at studio HuB architects, Sarah brings passion and creativity to every project, large or small. She brings a high level of experience in Institutional and School, Mixed-use, Multi-residential and commercial projects. Sarah’s strength is her creative design sensibility, her expert technical knowledge and her ability to coordinate effective consultant teams. Sarah enjoys the challenges of multi-stakeholder client projects that demand a high level of user engagement and public consultation.

Sarah is a registered architect with the AIBC, an active mentor to AIBC interns as well as graduate students at UBC School of Architecture and Landscape Architecture, and serves as an executive council of the BC Chapter of the Association for Learning Environments.



Dr. Dieter Breithecker, MA, Health and Kinetics Scientist

“Bodies in Motion: Designing Healthy School Environments”

Dr. Breithecker is head of the Federal Institute on the Development of Posture and Exercise in Germany, and a member of “Ergonomics for Children & Educational Environment” (ECEE), a technical committee of the International Ergonomics Association.

Dr. Breithecker has published widely on the subject of Ergonomics for Children and Human Workstations. As an international expert he has presented throughout Europe, Asia, Indonesia, North and South America, Australia, and Saudi Arabia.

He is emphasis in research comprises the following issues:

- Living environments need space for movement
- The effect of lacking movement on mental and physical functions
- Relative and behavioral preventive measures at workplaces, school, and office

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Dr. Lennie Scott-Webber, NCIDQ, AIA Affiliate [AIA/CAE]

“Dr. Lennie” is a leading thinker on the evolution of what we know about learning, the learner and the learning place. Passionate about the unanswered solutions that leave students behind in their learning, she has pioneered research strategies addressing how the built environment impacts student engagement factors and learner success, and has designed future-focused, evidence-based design applications for 20+ years. Currently, she is the Owner / Principal of INSYNC:: Education Research + Design. She is also acting as the Education Research Leader for DLR Group’s K12 Education Practice. Formally: the founding Director of Education Environments Globally for Steelcase Education; tenured, full-professor and chair of two design schools [Canada & USA]; Director of the iLAB Research Center, Radford University; professional interior designer, author, published researcher, national and international speaker.

Bios Continued



Nick Salmon

President at Collaborative Learning Network, LLC

"The school of the future is likely to be a facility you already own, staffed with people you already employ, dramatically transformed with limited resources for teaching and learning in a dynamic century" - Nick Salmon, 9th Generation Educator, Facility Planner, Professional Development Coach.

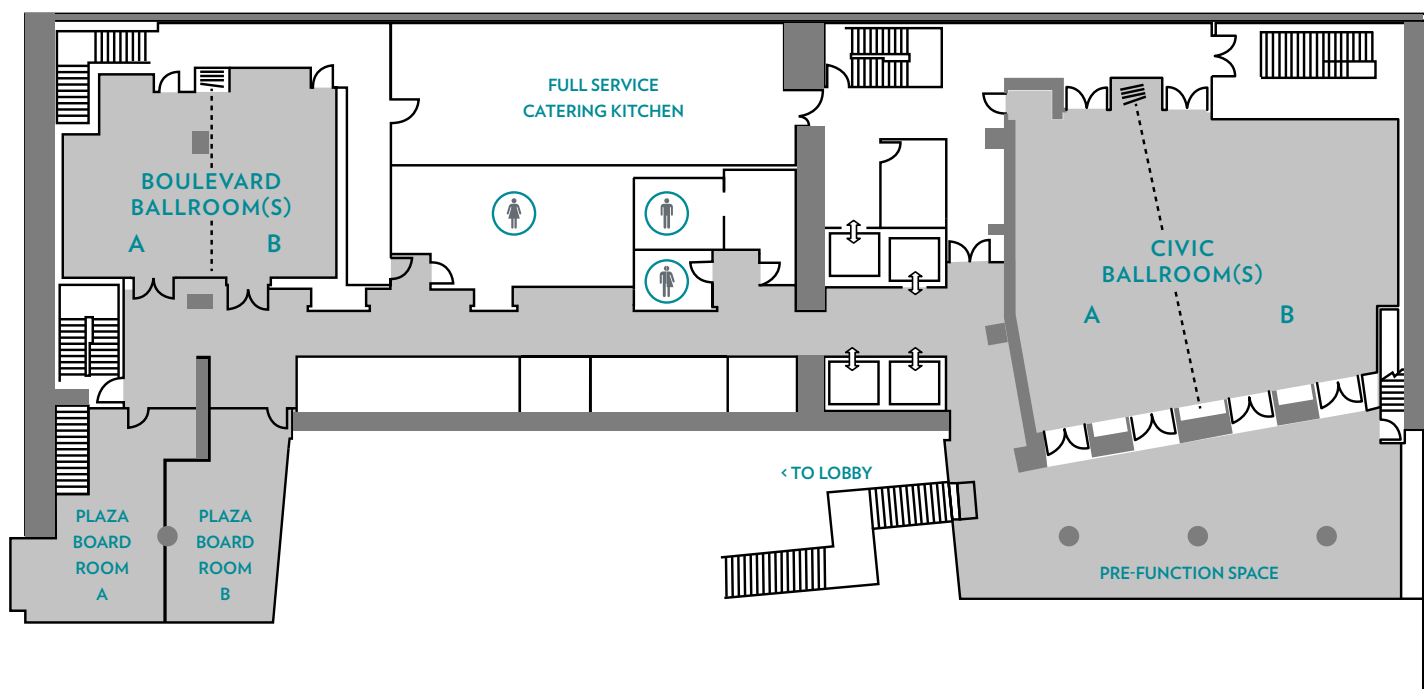


Philip Riedel, AIA, ALEP

Philip Riedel, AIA, ALEP, is the current President of the Pacific Northwest Region of A4LE. He is also the PK-12 Market Leader and Principal at NAC Architecture, where he has spent the last 18 years researching and creating innovative learning environments. In both educational planning and design, he tries to use evidence from current research to inform his projects.

The last 15 years have yielded extraordinary new insights into brain function and development. We will explore how the results of contemporary research can be applied to design to make learning environments more effective. While healthy personal relationships and relevant pedagogy are the most important factors in fostering learning, school buildings and sites can have a significant positive effect by providing a supportive context. Through the lens of both students and teachers, we will examine how specific factors of facility design can interact with physical and neurological factors to positively impact education.

Civic Hotel Floor Plan



Sponsors

Platinum



Gold



Silver



Bronze



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