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[dowcorning.com/HPInsulation](http://dowcorning.com/HPInsulation)

<sup>1</sup>RSI = 8.8 (m<sup>2</sup>·K)/W per 50.8 mm thickness; U-value = 0.11 W/(m<sup>2</sup>·K)

<sup>2</sup>RSI = 1.73 (m<sup>2</sup>·K)/W per 25.4 mm thickness; U-value = 0.58 W/(m<sup>2</sup>·K)

DOW CORNING

High Performance Building Solutions

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# WELCOME TO HALIFAX



## THE CANADIAN GLASS ASSOCIATION'S GLASS CONNECTIONS CONFERENCE - HALIFAX

JUNE 4

AGM: 2:30PM

NOVA SCOTIA KITCHEN PARTY: 5:00PM-8:00PM

JUNE 5

REGISTRATION, BREAKFAST, TRADESHOW: 7:00AM - 8:15AM

CONFERENCE: 8:15AM-4:00PM

*The meet & greet kitchen party is proudly hosted by the Atlantic Glass Association complete with Nova Scotia hospitality!*

For 2015 conference info, please email: [info@canadianglassassociation.com](mailto:info@canadianglassassociation.com) or visit [www.canadianglassassociation.com](http://www.canadianglassassociation.com)

# SCHEDULE AT A GLANCE

## JUNE 4TH

2:30-4:30PM AGM followed by CGA Board meeting (Banook Room)  
**Kitchen Party and Trade Show** (City & Harbourside Terraces)  
**CHAIR: Tony Spurrell, Atlantic Provinces Glazing Association**  
 5:00-5:30PM Kitchen Party socializing  
 5:30-5:50PM Caber Feidh: Set One  
 5:50-6:00PM Welcome & Opening Remarks by Jim Brady, President - CGA  
 6:00-6:50PM Caber Feidh: Set Two  
 6:50-7:00PM Brad Smith, Executive Director of the Nova Scotia Building and Construction Trades Council  
 7:00-8:00PM Caber Feidh: Set Three



Caber Feidh & Kitchen Party presented by:



## JUNE 5TH - CHAIR: Shawn Wessel, RSVP Agency

7:00-8:15AM Registration, Buffet Breakfast, Networking, Tradeshow  
 8:15-8:30AM Welcome & Opening Remarks; Jim Brady – President, CGA  
 8:30-8:45AM Introductions & Agenda; Mike Higgins – CGA Board Member, APGA President  
 8:45-9:30AM The Evolution of Glass and High-Performance Coatings; Bruce Miley – Architectural Design Manager, Guardian Industries  
 9:30-9:45AM Refreshment Break  
 9:45-10:30AM Curtain Wall and Windows / Unitized curtain wall / window wall: Traps, Tricks, Success; George Torok – Project Manager, Morrison Hershfield  
 10:30-10:45AM Refreshment Break  
 10:45-11:30AM GANA Update; Bill Yanek Executive Vice President – GANA  
 11:30-12:00PM Keynote: Meeting the Challenge of the 2011 National Energy Code for Buildings; David Kayll – Principal, Morrison Hershfield  
 12:00-1:00PM Buffet lunch and trade show networking  
 1:00-1:45PM Innovative Glass Systems/Structural Glass Walls; Alfonso Lopez, Sentech  
 1:45-2:30PM Sealant Technology Urethanes vs. Silicones – Scott Waechter; Dow Corning  
 2:30-2:45PM Refreshment Break  
 2:30-2:45PM The Education Triad; Jim Brady, Presiding Officer - Alberta Provincial Apprenticeship Committee  
 2:45-3:45PM Trade show and networking  
 3:45-4:00PM Wrap Up, Jim Brady – President, CGA

### THE EVOLUTION OF GLASS AND HIGH-PERFORMANCE COATINGS

**Bruce Miley – Architectural Design Manager, Guardian Industries**

This one-hour interactive presentation provides an overview of the basics of glass and its manufacturing process. It discussed various types of Low-E technologies available in the market and defines relevant energy terms. The presentation also uses a case study format and shows multiple project examples to discuss current trends in glass usage, application and important design considerations.

### CURTAIN WALL AND WINDOWS / UNITIZED CURTAIN WALL / WINDOW WALL: TRAPS, TRICKS, SUCCESS

**George Torok – Project Manager, Morrison Hershfield**

Atlantic Canada is booming! The skyline is changing with new high-rise office towers, hotels, rental apartments and condominiums. Following design trends in other major Canadian cities, these new buildings typically feature large areas of site assembled (stick built) curtain wall, strip windows and punch windows. High performance systems and best quality installation are needed to deal with tough east coast weather. Experts from Morrison Hershfield will describe features, advantages and disadvantages of traditional stick-built curtain wall and window systems, the use of lab tests to pre-qualify products and mock-ups to assess system performance, field tests to check installed systems and installation details to surrounding cladding, and the important of regular field reviews to keep the work on track.

### SEALANT TECHNOLOGY URETHANES VS. SILICONES

**Scott Waechter, Sr Application Engineering Specialist, Dow Corning**

Scott Waechter will speak about the differences in sealant technologies available in the market and why the trend over the past decade is toward the use of more use of silicone sealants. Scott will also speak about proper building joint design, best practices in sealant installation, silicone in structural glazing, sealant testing and IG sealants. Additional topics include Air/vapor barriers and Silicone Transition Strips, LEED, and High performance insulation for curtain walls.

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Alumicor would like to welcome you to the CGA Glass Connections Conference in Halifax, NS!

Please drop by our booth and find out about the **NEW** additions to the Alumicor Door family.

The elegant **TerraPorte** is now available in a low profile outswing terrace door, for barrier-free access to terraces and balconies.

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# ATTENDEES

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aa Kassner Goodspeed Architects Ltd - Daniel Goodspeed  
Admiral Glass - Sam Patel  
Admiral Glass - Allan Robichaud  
Admiral Glass - Brian Wood  
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AGC Glass Company - Dennis Haatvedt; **CGA TREASURER**  
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**Atlantic Provinces Glazing Association - Tony Spurrell; SPEAKER**  
Atlantic Windoor Ltd - Mark Hughes  
B.D. Stevens Limited - Mark Hughes  
Barrie and Langille Architects Ltd. - Richard Langille  
**Boon Edam Inc. - Steve Johnston; SPONSOR**  
**C.R. Laurence Co., Inc. - Sharyn Link; SPONSOR**  
**Canadian Glass Association - Rich Porayko; STAFF**  
Cape Breton Glass Ltd - Ken Keough  
Cape Breton Glass Ltd - Wayne Locke  
CS2 Construction Sales - Scott Pearson  
Desa Glass - Jim Brady; **CGA PRESIDENT**  
Design Plus Architecture - Marcia Richard  
**Dow Corning - Scott Waechter; SPONSOR**  
Economy Glass - Dave Atkinson  
Economy Glass - Earl Burgess  
Economy Glass - Daniel Everson  
Economy Glass - Mike Greer  
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Economy Glass - Jeff Thomas  
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exp Architects Inc. - Lisa Moore  
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exp Architects Inc. - Stephen Outerbridge  
Ferguson Neudorf Glass Inc. - Peter Neudorf  
Fowler Bauld & Mitchell Ltd. - Matthew Jarsky  
Fusion Glass Fabricators - Surender Gatla  
Fusion Glass Fabricators - Mohammed Abdul Qayyum  
Geo Glass & Aluminum Ltd. - George Hoyles  
Glass Association of North America - Bill Yanek; **SPEAKER**  
Glass Canada - Patrick Flannery; **PRESS**  
Glass Coatings and Concepts - James Wright  
Guardian Industries - Bruce Milley; **SPEAKER**  
Halifax Glass & Mirror Ltd - Daryl Gorman  
Halifax Glass & Mirror Ltd - Doug Hines  
**Kawneer Company Canada Ltd. - Michael Till; EXHIBITOR**  
Kohltech Windows & Entrance Systems - Roger Bastarache  
Lindsay Construction - Kirby Putnam  
Lydon Lynch Architects - Matthew Conrad  
Markland & Assoc. - Roy Pennell

Metro Windows & Doors Ltd - Brandon Gouchie  
Metro Windows & Doors Ltd - Percy Gouchie  
MMM Group - Rachel Smith  
Morrison Hershfeild - David Kayll; **SPEAKER**  
Morrison Hershfeild - George Torok; **SPEAKER**  
National Defence | Defense nationale - Dean Collier  
National Defence | Defense nationale - Darrell Spencer  
Newfoundland Aluminum Products Limited - Wayne Tucker  
**Oldcastle BuildingEnvelope - Henry Young; SPONSOR**  
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Peter Kohler Windows & Entrance Systems - Rob MacCorr  
Porta Service Inc - Martin Tailleur  
PPG Canada Inc - Ross MacDonald  
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Sentech Architectural Systems LLC. - Alfonso Lopez; **SPEAKER**  
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Southwest Properties Ltd. - Justin Elkin  
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Speedy Glass, Woodstock NB - Rick Kirkbride  
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W.D. Lawrence Architecture Inc. - Wil Lawrence  
whw architects - Karon Coffin  
Window Shop - Todd Loveless

## KEYNOTE: MEETING THE CHALLENGE OF THE 2011 NATIONAL ENERGY CODE FOR BUILDINGS

### *David Kayll, Principal*

Nova Scotia has adopted the 2011 National Energy Code for Buildings (NECB), effective December 31, 2014 for all buildings. Experts from Morrison Hershfield will discuss how the NECB will affect the design process for new buildings, general goals to be achieved, compliance paths, selecting opaque and glazed building envelope systems to meet performance requirements. An important aspect of the NECB is a move away from estimating thermal performance by combining nominal R-values for individual materials to ‘effective’ thermal performance by including heat loss through thermal bridges. However, it is still possible to over-estimate thermal performance, resulting in higher than expected energy bills. There is a better way to design for effective thermal performance that puts the building designer in the driver’s seat - we’ll show you how during this seminar.

## INNOVATIVE GLASS SYSTEMS/STRUCTURAL GLASS WALLS

### *Alfonso Lopez, Sentech*

Alfonso Lopez, the founder of Sentech, will be presenting the recent developments in the design, engineering, and fabrication of innovative glass systems. The presentation will move between recent advancements in glass engineering and other topics discussed will be a) system selection in the design of structural glass systems using emerging technologies, b) custom solutions and new technologies in the fields of structural glazing, c) blast-resistant façades and d) applications: glass fin walls, tension truss glass systems, tensegrity structures, point supported skylights, glass canopies, and glass stairways. Fabrication, to recent developments in the design and engineering of glass connections and supporting structure.

## THE EDUCATION TRIAD

### *Jim Brady, Presiding Officer of the Alberta Provincial Apprenticeship Committee*

There are three critical components to delivering a strong and successful apprenticeship program. Government, Industry and the Educator. Recently an announcement was made by the Nova Scotia Government titled “Apprentice System unified”. Essentially this means the four Atlantic Provinces (Government) are working together to create local apprenticeship programs. Four of ten trades have been chosen, six are still to be determined. With one critical component in place, Jim will discuss the next steps to developing a successful apprenticeship program for educating the work force.

# Thank you 2014 Glass Connections Platinum Sponsor

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