



ATS CONTINUING EDUCATION  
ONLINE\_SEMINAR  
Project Type - High-End Residential - West &  
Northwest Regions  
Thursday, December 09, 2021



08:00 AM [Welcome, Credits, and Certificates](#)

08:10 AM **Understanding Advanced Wall Systems with Continuous Insulation**

This session explores evolving trends in building enclosure technology, and subsequent changes in energy efficient building design; with especial focus on the role of continuous exterior insulation (CI). The net energy savings realized in a properly insulated building are by now well understood, and these savings are increasingly being required by stringent local building and energy codes. Current building science research and field monitoring data will be presented, to demonstrate how the effective R value of various insulating materials perform and change in differing regional climates, temperature ranges, and seasonal conditions. Strategies for designing and constructing highly insulated and cost effective wall assemblies while still minimizing thermal bridging are also discussed.

Jon Ram  
Rockwool Provider #: K269  
AIA #:RWNA202 HSW | GBCI (USGBC/CAGBC) #:920023529

09:10 AM **Guide to Home Elevators**

This presentation is designed to provide an overview of home elevators for architects and builders.

Learning Objectives:

- Relate to the variety of applications for home elevators
- Identify common features and the four main types of elevator drive systems
- Analyze site requirements and project timelines
- Understand codes and regulations applicable to residential elevators.

By the end of this session, participants should have a broad understanding of residential elevators and the increasing demand for mobility in the home.

Christopher Baker  
Savaria Concord Lifts Provider #: 40107405  
AIA #:AIASAV101 LU

10:10 AM [Break](#)

10:20 AM [Sponsor: Art Massif Wood Structure - Geneviève Constancis](#)

10:30 AM **Acetylated Wood: Discover the Difference for Siding, Decking, and More**

This course discusses the process of wood acetylation, the resulting changes to wood, applications for acetylated wood, its green credentials and a number of case studies involving acetylated wood.

Daniel Trebelhorn  
Accsys Technologies - Titan Wood Inc. Provider #: K382  
AIA #:Accoya2020 HSW | GBCI (USGBC/CAGBC) #:920022858

11:30 AM

## Sustainable Exterior Envelope

At the end of this course, participants will know how to increase the durability of wood products used on building exterior envelope, understand best installation practices and differences between popular wood treatment methods. This AIA continuing education program touches on these issues and more, helping you design an exterior envelope that is durable and healthy for the home.

Dave Rogers  
WindsorONE Provider #: T109  
AIA #: ExtEnv2020 HSW | GBCI (USGBC/CAGBC) #: 920012039

12:30 PM

Lunch

01:10 PM

Sponsor: [Timber Block - Curtis McCurry](#)

01:20 PM

## Canadian Hardwoods -Beauty, Durability and Sustainability.

Canadian hardwood lumber and flooring provide architects with everything they need to create beautiful, practical and durable projects and accessories, while fulfilling the need and desire to meet sustainability and green building requirements. In this presentation, we will highlight that Canadian hardwoods are the material of choice to provide durability and natural elegance, as a renewable material for commercial and high end residential projects.

Criswell Davis  
Canadian Hardwood Bureau Provider #: 502111383  
AIA #: CHB0821 HSW | GBCI (USGBC/CAGBC) #: 920024882

02:20 PM

## Western Red Cedar, Distinctive Sustainable Design

The Western Red Cedar Lumber Association (WRCLA) is a Non-Profit trade association that was established in 1954. We offer training to discerning users of WRC including the architect community. Western Red Cedar Distinctive Sustainable Designs is a one-hour, face-to-face training session developed for the architect community and provided by WRCLA qualified trainers. Through this one hour session, architects will increase their knowledge of WRC; its' properties and performance characteristics.

Jay Poppe  
Western Red Cedar Lumber Assn (WRCLA) Provider #: G422  
AIA #: WRCLA 4 HSW | GBCI (USGBC/CAGBC) #: 920021295

03:20 PM

End

