



APRIL SPECTRUM

Newsletter of the Puget Sound Chapter CSI
April 2021 - VOL 88

CORRECTION: *InteriorTech listed below is the sponsor of this month's Chapter Meeting, and Inpro is PSCCSI's Spring Quarterly Product Spotlight.*

Highlighted in this Issue:

- Chapter Meeting Registration
- April Education Seminar Registration
- CSI Honor Awards nomination deadlines

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Contributors:

Articles:

- **David Landrey, Director of Powders and Chemicals MASCO** - *Decarbonizing Concrete*
- **John Aldredge** - *Technically....John Aldredge of LMN on the Origin of Words*

Graphics:

- **Matt Gregory**, Chapter Funny illustration - *Waiting for the Low Bid*

Vetted by Experts:

- **Nora Vivarelli**, VP of Marketing, Pacific Mat
- **Melody Stinson**, AIA, CCS, CCCA, CSI, LEED AP, DELTEK
- **Lia Alia Wollard**, RA, CCS, CSI, NCIDQ, Information Manager, Applied Building Information

CSI MEMBER SUPPORT PROGRAM:

The Member Support Program assists members who are experiencing financial hardship resulting from COVID-19 or related economic impact, cannot pay CSI dues, and want to maintain their membership. [CLICK HERE FOR ALL THE FAQs](#)



VOLUNTEERS:

PSC CSI is looking for people to chip in to help plan and execute all kinds of things- even brainstorming! New or old, shy or bold... [EMAIL PSCCSI FOR MORE INFO!](#)



COVID-19:

PSC CSI is committed to the safety of our members. As a result, in-person meetings will be rescheduled for a later date and/or will be moved to an online format. Please view Upcoming Events below for more information about each event change. We hope you're all staying healthy and safe.

PSCCSI Virtual Chapter Meeting

JOIN THE PUGET SOUND CSI
AFTER WORK ON A THURSDAY IN APRIL

IBC IMPACTS ON CURTAIN WALL DESIGN

2018 IBC revisions impact curtain wall design.
The magnitude of those changes depend on **project type** and **compliance path** selected.
Join us for a discussion to help you decide if these changes impact your life.
If they do, what are your next steps?

APRIL VIRTUAL CHAPTER MEETING
THURSDAY, APRIL 8th, 2020
5:00 PM - 6:30 PM PT

REGISTER NOW!

The presentation will include an overview and three project examples to illuminate varying **2018 IBC** compliance paths due to project size and complexity:

- CURTAINWALL: What it IS and what it ISN'T
- Low Rise & Midsize Project Examples: Lakeview Office & NHL Training Facility
 - **Spec Stage:** NFRC 100/200 Tested System
 - **Bidding Stage:** NFRC Bid Report Required
 - **Contract Phase:** NFRC Tested/Certified System & Manufacture listed inside the contract.
 - **Construction Phase:** NFRC Certificate Required at time of Installation – required within the contract & by code official.



SPEAKER:

- Larger/Tower Project Example: (222 Dexter)
 - **Concept Massing Stage:** Thermal Benchmarks are identified by Thermal Modeler or Envelop Consultant for Permit Compliance and Incentives
 - **Schematic Design Stage:** Preliminary Thermal Model is completed
 - **Budget/DD Stage:**
 - NFRC Benchmarks are provided
 - NFRC Thermal Models are required
 - Thermal Model is updated to show if it is in or out of compliance.
 - **Design Development/Contract GMP Stage:**
 - Performance Mock Up Designed
 - Glass Type: SHGC, VLT, U-Value
 - Performance Mock Up is Tested
 - **Construction Phase:** Thermal Model is monitored for material & assembly compliance.

Brad Glauser, CSI, NFRC-ACE
Partner, Edify Studios

A fourth-generation general contractor who brings a perspective that stretches from real estate development, through sub-contracting and into manufacturing.

Over the last fifteen years, Brad has specifically seasoned his experience in the field of building envelope project management and marketplace of engineered glass wall systems.

CHAPTER MEETING SPONSOR



interiorTech



Contact Dan at Interior Tech:

Interior Tech is a specialty contractor with a focus on:

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- Glass
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- Space Division alternatives, and
- Security

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- Service and Maintenance

Call Dan or learn more at
www.interior-tech.com

Dan Quatier | dan.quatier@interior-tech.com | 206.453.1092

Special Announcements



MAKE YOUR MARK!

Enter your designs for a new Puget Sound CSI Logo!

[CLICK HERE FOR THE RULES](#)

DEADLINE IS APRIL 15!



CSI HONOR AWARDS GUIDE NOW AVAILABLE

[TAKE ME TO THE PDF HONORS AND AWARDS GUIDE](#)

[I WANT TO NOMINATE SOMEONE VIA THE CSI VOLUNTEER PORTAL](#)

DEADLINES:

- **AWARDS:** JUNE 1, 2021
- **FELLOWSHIP:** JUNE 1, 2021
- **OUTSTANDING CHAPTER COMMENDATIONS:** JULY 13, 2021



VOLUNTEER TO BE A CSI "BUDDY"

New chapter members, beginning in 2021, will be assigned CSI Buddies who will be current members willing to take our newest members under their wings, introduce them to other members at their first in-person events and shows, and answer questions. If you would like to volunteer to be a CSI Buddy, [email Susan Williams, our Membership Chair.](#)

PS Chapter Poll: **WHO FOOTS THE BILL?**

PSCCSI wants to know how your employer supports your involvement:

My employer pays in full for my CSI annual dues.

Select

My employer pays part of my CSI annual dues.

Select

My employer provides an allowance to use at my

Select

discretion.

CSI dues come out of my own pocket.

Select

Thankfully I'm currently using the CSI Member Support Program.

Select

MARCH PS CHAPTER POLL RESULTS

Your Favorite CSI

As we all look forward to A RETURN TO LIFE...how can PSC CSI play a bigger part?

- **30%** I want more manufacturer and fabricator tours...SHOW me!
- **30%** ZOOM makes it so easy to attend...keep doing education this way.
- **10%** Alternating chapter meeting times help but are usually all I can do.
- **20%** Hands-on Hands-on...this is how I learn the best. Let me try!
- **10%** A combination is good, I just need more notice.

I Want to Volunteer, But How?

How would you prefer the Chapter communicate volunteering needs?

- **25%** Puget Sound CSI Website.
- **50%** Spectrum Newsletter.
- **0%** Puget Sound CSI LinkedIn page.
- **0%** Puget Sound CSI Facebook page.
- **25%** Email blast.

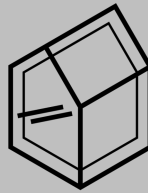
Online Event Schedule



CHAPTER MEETING

APRIL CHAPTER MEETING
APRIL 8, 2020

IBC 2018 IMPACTS ON
CURTAIN WALL DESIGN



EDUCATION SERIES

FIRESIDE CHAT: GLAZING
WITH STEVE THOMAS AND
BRYCE GIVEN
APRIL 27, 2020

Register Below!



CHAPTER MEETING

MAY CHAPTER MEETING
MAY 13, 2020

LEAN/LCI JOINT MEETING
Stay tuned for more info!

April Education Seminar

FIRESIDE CHAT SERIES:

EDUCATION SEMINAR

TUESDAY, APRIL 27th, 2020

12:00 PM - 1:30 PM PT

NO COST



[REGISTER NOW!](#)

SEMINAR DESCRIPTION:

Now more than ever, it's important that we understand glazing and its implications. Now's your chance to ask everything you ever wanted to know about glazing! Join Guardian Glass' Steve Thomas PE and Bryce R. Given in a Fireside Chat on April 27th.

- **Steve Thomas, PE** (left image), is Guardian's **technical advisor for the Western US and Canada**. Steve recently chaired the ASTM task group managing the 5-year-renewal of *ASTM C 1036: Standard Specification for Flat Glass*
- **Bryce R. Given** (right image) is the **Northwest Architectural Design Manager** for Guardian Glass. He has served on the Board of the Washington Glass Association since 2018.

Make sure to add your glazing questions when you register! If we have any time left after pre-submitted questions are answered, Steve and Bryce will take live attendee questions.

SPRING PRODUCT SPOTLIGHT



Contact **Sandy**, Washington's Territory Sales Manager, for more information on Sani-System™ and other Inpro products.



Get the Ultimate Line of Defense for Your Walls with Sani-System™

For demanding environments that require the strongest, cleanest, most impervious defense against destructive forces ... choose **Sani-System Heavy Duty Wall Protection™**

Sani-System™ is an impact-resistant, hygienic wall base and wall cladding system that provides complete coverage for floor to wall transitions in areas susceptible to abuse, contamination and water intrusion.

- Patent-pending **Sani-Base™ Stainless Steel Wall Base** provides easy installation + eliminates need for additional waterproofing materials



- **Sani-Surface™ Hygienic Wall Cladding** completes the system, offering a durable, water-resistant, and fiberglass-free cladding with exceptional performance

- Ideal for Commercial Kitchens, Clean Rooms, Pharmaceutical Labs, Supermarkets, Locker Rooms, Storage/Back of House areas and more.

Learn more about [Sani-System™ Heavy Duty Wall Protection](#).

Sandy Rice | 425.877.4994 | srice@inprocorp.com

Visit inpro.com for more Inpro products and information!

Newest Members of Puget Sound CSI

WELCOME to the newest members of the Puget Sound Chapter of CSI!
We look forward to meeting you virtually through online meetings and soon in person!

February:
Earl Thorgelson, RTB Company

Vetted by Experts

To provide our members with the best return on investment, the Puget Sound Chapter has begun to accept top-rate articles, passed on from our industry experts (and in this case your editor!) to our members. *aintgotnotimeforthat!*

NORA VIVARELLI, VP of Marketing, Pacific Mat:

- [Cradle to Cradle Product Standard Releases Version 4](#)

MELODY STINSON, AIA, CCS, CCCA, CSI, LEED AP, DELTEK

- [Vulnerable bridges are in need of earthquake upgrades](#)

LIA ALIA WOLLARD, Applied Building Information:

"Always a hot topic!"

- [FAILURES: Painting Galvanized Steel](#)

"Gender neutral job titles are low hanging fruit and long overdue. Like Superintendent and Project Manager...easy."

- [Women in construction push for more inclusive terminology](#)

"The un-trailer park?... I'm looking forward to what these end up being named."

- [Rancho Mirage lands the country's first 3-D-printed housing community](#)

2020-2021 Season Calendar

Stay Tuned! As Washington State moves through phasing, PSCCSI will work to provide the highest standard of education programs while following current safety guidelines. Thank you for your patience. PSCCSI Tentative Season Calendar:

- APR 8 **APR PROGRAM** IBC 2018 Impacts on Curtain Wall Design - Chapter Meeting
- APR 27 **APR EDUCATION PROGRAM** Fireside Chat Series: Glazing with Steve Thomas and Bryce Given
- MAY 13 **MAY PROGRAM** LEAN/ joint meeting - Chapter Meeting
- MAY TBD **MAY EDUCATION PROGRAM** Fireside Chat Series: TBD
- JUN 10 **AWARDS & INSTALLATION** - Chapter Meeting

President's Message

Spring is Here!

April Stokesberry, PSC CSI President

Is anyone else floored that Spring has arrived? This past year has seemed to be the longest year yet, but at the same time has been flying by. To think in a few short months I will closing out my year as the Puget Sound Chapter's President is unreal! It has been so awesome seeing you guys stay connected in our group, and it is always fun for some faces we have not seen in a while pop up on the screen. I want to thank you all for your continuous support of our Puget Sound chapter of CSI.



This week we held our first virtual ProSPEC event and I want to give a huge shout out to our Sponsors, Vendors, our amazing speakers, and most of all to our ProSPEC Committee. They reinvented the wheel and I am very blessed to have them on my team. This could not have happened without all of your support of the chapter, so thank you for all of your volunteered time and for bringing such a great event:

- Justin Bise
- Julie Taylor, now ProSPEC emeritus!
- Bill Thordarson
- Charlie Calvano
- Don Richards
- Mike Fletcher
- Catherine Calvert
- Ross Whitehead
- Annette Wren

Now that the days are getting longer and warmer, I want to encourage people to get outside. Riding a bike, or taking a hike is a great way to de-stress from the world and feel a little bit more normal. Fresh air is good for the soul, so turn up some tunes and enjoy the beautiful state we live in. I cannot wait to see you all again!

April Member Spotlight

Melissa Falcetti, AIA, CSI, CCS

Membership: CSI Member since 2010

Bio:

I grew up in the teeny-tiny town of Acme, WA, where my parents are involved in the timber industry and my (very large) extended family is involved in a variety of fields, most notably construction. My Uncle Pat was a residential general contractor. When I was a young teen he oversaw the build of several of our immediate and extended family's homes, which were built barn-raising-style using primarily family labor. My love for this industry sparked as he taught me to use power tools and how to literally put a building together.



In graduate school I was first introduced to the CSI through a friend as we attempted to build a material library from the ground up, organized by MasterFormat. I completed school just as the Great Recession was starting, and spent a few years taking any job I could find. I spent two years working at an inspection and owner's representative company, where I was tasked with writing specifications. While struggling to teach myself how to specify, Portland CSI Member Scott Martin, CSI, CDT, LEED GA, told me about the CDT exam.

A couple years later I moved to Seattle to be closer to my family. Through LinkedIn, I connected with Marga Rose Hancock, Hon. AIA, the local leader of my alumna group and, quite coincidentally, the former EVP/CEO of AIA Seattle. She placed me in contact with John Jeffcott, AIA Emeritus CSI, and Marc Chavez, FCSI, AIA. John became my mentor, teaching me about the industry and introducing me to people; in fact, he brought me to my first PSC CSI Education meeting, from which I walked out as committee co-chair (sneaky!). Marc has also served as a mentor over the years and introduced me to Anne Whitacre, FCSI, CCS, LEED AP, who in turn helped find me a position at Gensler working under her direction. I eventually went to work with Marc at ZGF Architects, and after five years moved to my current employment at Applied Building Information with Beth Stroshane, CSI, CCS, CDT, LEED AP, who was also originally a CSI connection. At this point, many of my close friends and coworkers are people I originally met through CSI. Two of my CSI friends, Julie Taylor CCS and Kelly Laleman RA, CCS, and I even formed a study group years ago and passed the CCS exam together.

The connections I made through CSI have profoundly changed my career. Until I entered this industry, I thought of networking as a dirty word and when I thought of salespeople, I remembered the feeling of being followed around in furniture stores. Now when I think of networking, I realize that it's actually forming relationships with other professionals you can trust – these are people who will become your friends, your sounding board and your trusted advisors. When I think of sales, now I remember so many trusted advisors in our chapter and organization who have expertly helped me through tricky situations and taught me so much of what I know today.

I've been heavily involved with the PSC CSI chapter because I've received so much from it. My life is different at a fundamental level because of the mentorship and expertise I've received from so many generous people in our chapter. I want to give to others the way people in this chapter have given to me.

Puget Sound - OP-ED Articles from our Community

Decarbonizing Concrete

David Landrey, Director of Chemicals and Powders
Mason Supply Company

If you are serious about reducing CO₂, then “Decarbonizing Concrete” is the center of this universal goal.

We in the industry have seen a lot of foolishness and nonsense on this issue. There is no silver bullet to mitigate or eliminate the CO2 in cement production and concrete usage. This 30-page study from Climateworks Foundation is the best primer I have read. It's definitely for the nerds or any intellectually honest stakeholders in the construction industry.

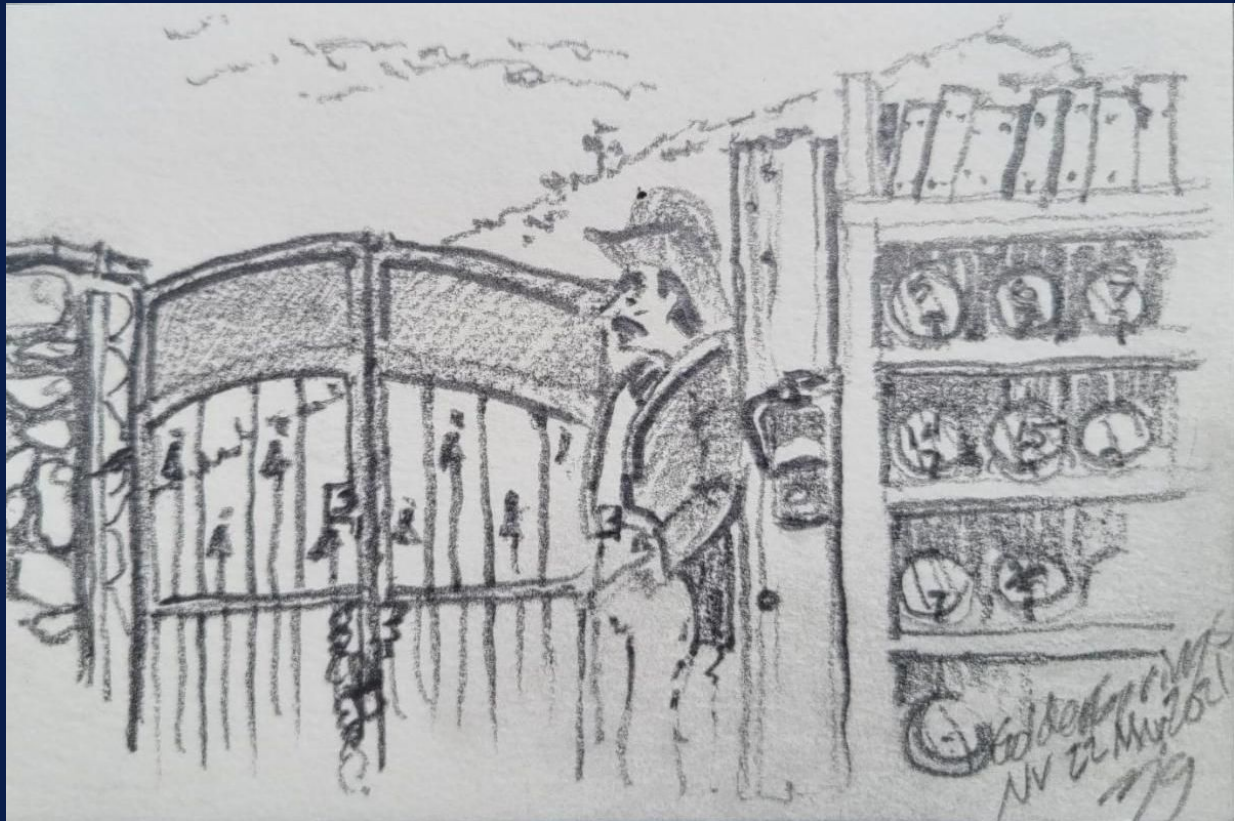
With increasingly favorable LCAs on the longevity & durability of concrete, the recent hyper-inflation of steel prices (78% in the last year), and potential of a major infrastructure bill coming soon, the US and world appetite for concrete (the second most consumed material in the world seems insatiable.) A holistic approach such to calculating where all the CO2 is embodied concrete is worth a little self-education.



[TAKE ME TO THE CLIMATEWORKS ARTICLE](#)

[SHOW ME THE 30-PAGE STUDY](#)

Chapter Funny



Waiting for the Low Bid


Postcard Sketch from Good Springs, Nevada

Illustration by Matt Gregory

Technically...

John Aldredge of LMN on the Origin of Words

I was looking for a set of files recently and they were not where I thought they should be – events showed that they had *never* been where I thought I put them.



hallucinate – to have hallucinations 1595–1605; <Latin hallūcinātus, past participle of (h)allūcināri to wander in mind

hallucination - a sensory experience of something that does not exist outside the mind, caused by various physical and mental disorders, or by reaction to certain toxic substances, and usually manifested as visual or auditory images. 1640s, from Latin hallucinationem (nominative hallucinatio), earlier alucinatio, noun of action from past-participle stem of alucinari.

hallucinogen - a substance that produces hallucinations *or* musician Simon Posford of Surrey, England.

hallucinogenic - producing hallucinations.

entheogen - An entheogen is a psychoactive substance that induces alterations in perception, mood, consciousness, cognition, or behavior for the purposes of engendering spiritual development or otherwise in sacred contexts. Entheogens have been used by indigenous peoples for thousands of years. Coined as a replacement for the terms hallucinogen and psychedelic.

entheogenic - causing the above-noted alterations. *or* a musical project (band) formed in 1999 consisting of Englishman Piers Oak-Rhind and Austrian Helmut Glavar. Psy-chill genre. Yes, I listen to them.

mirage – an optical phenomenon, especially in the desert or at sea, by which the image of some object appears displaced above, below, or to one side of its true position as a result of spatial variations of the index of refraction of air. 1795–1805; <French, equivalent to (se) mir(er) to look at (oneself), be reflected (<Latin mīrārī to wonder at) + -age-age.

wraith – an apparition of a living person supposed to portend his or her death. 1505–15; originally Scots; origin uncertain.

phantasm - an apparition or specter. a creation of the imagination or fancy; fantasy. a mental image or representation of a real object.

In 2007, the Puget Sound Chapter CSI established the Puget Sound CSI Memorial Foundation, **a separate organization providing scholarships, fellowships, and grants to promote educational programs serving the construction industry** and related endeavors which support the interests and objectives of the Puget Sound Chapter. The Foundation is administered by a board of volunteers, composed of willing past presidents of the Puget Sound Chapter. Any individual or organization can contribute tax deductible donations to the Foundation. You can donate to the Foundation via our PayPal account:



Puget Sound CSI Memorial Foundation, Inc.

<https://www.paypal.me/PSCSIFoundation>

Past donations have been used to award scholarships to candidates selected on the basis of recommendations by the Foundation Board and by Chapter members. The Foundation is always interested in your **fund-raising ideas and financial support** to promote the Foundation's objectives.

Board of Directors Meeting Minutes

Board Meeting Minutes:

- February - *Pending*
- March - *Pending*

Chapter Leaders

BOARD MEMBERS

President: **April Stokesberry**, Duradek Northwest
President-Elect: **Matt Gregory**, Retired Architect, Specifier and Planner
Vice President: **Erika Anderson**, Anderson Specialties LLC
Secretary: **Candice Clinton**, ASSA ABLOY
Treasurer: **Justin Bise**, MG2
Director: **Rudy Jarvis**, Hilti North America
Director: **David Landrey**, MASCO/Masons Supply Company
Director: **Carrie Gerstenberger**, Bassetti Architects
Director: **Mary Rowe**, Integrus Architecture
Past-President: **Melissa Falcetti**, Applied Building Information

COMMITTEE LEADERS

Communications & Marketing Chair: *Position Open*
Education Chair: **Melissa Falcetti**, Applied Building Information
Membership Chair: **Susan Williams**, PPG Paints
ProSpec Chair: **Justin Bise**, MG2

Affiliate WEBINAR Events



ANCHORED VENEER MASONRY: A 3D EXPERIENCE

TUESDAY, APRIL 6th, 2021

9:00 AM - 10:00 AM PT

1 LU/HSW



FREE FULL-DAY EDUCATION SEMINAR

TUESDAY, APRIL 6th, 2021

8:00 AM - 3:00 PM PT

Up to 6 LU/HSW, 5 USGBC/GBCI, 1 IDCEC credits available

SHOW ME THE PROGRAM



DEMO-CAST: ISE-LOGIK ADMIXTURE AND TOPICALLY APPLIED MOISTURE-MITIGATING PRODUCTS

THURSDAY, APRIL 8th, 2021

10:00 AM - 11:00 AM PT



FREE HALF-DAY HEALTHCARE & LAB SEMINAR

THURSDAY, APRIL 8th, 2021

9:05 AM - 2:30 PM PT

Up to 4 LU/HSW, 3 USGBC/GBCI, 2 IDCEC credits available

SHOW ME THE PROGRAM

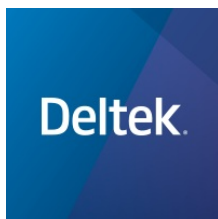


FIRESTOPPING ENGINEERING JUDGEMENTS

THURSDAY, APRIL 8th, 2021

8:00 AM - 9:00 AM PT

1 LU/HSW



GET KEY PERFORMANCE METRICS IN REAL-TIME

TUESDAY, APRIL 13th, 2021

11:00 AM - 11:30 AM PT



SYSTEM SELECTION: MASONRY WORKS WITH ALL STRUCTURAL SYSTEMS

WEDNESDAY, APRIL 14th, 2021

10:00 AM - 11:00 AM PT

1 LU/HSW

DEMO-CAST: MORIN

Join for an introduction into the “Configurator” Concept, which generates on-demand BIM Objects customized to your project

WEDNESDAY, APRIL 14th, 2021

10:00 AM - 11:00 AM PT



BUILDING ENCLOSURE COMMISSIONING: IMPROVING PERFORMANCE AND MANAGING RISK

TUESDAY, APRIL 20th, 2021

9:00 AM - 10:00 AM PT

1 LU/HSW



THE QUALITY ASSURANCE APPROACH TO SUSTAINABLE MASONRY WALLS

TUESDAY, APRIL 27th, 2021

9:00 AM - 10:00 AM PT

1 LU/HSW

Distance Learning At-Large



SHERWIN-WILLIAMS

Contact: **Robin M. Bartelman, Associate AIA**

Sherwin-Williams | Coil Coatings | Architectural Manager | West Coast US + Canada

Robin.M.Bartelman@Sherwin.com | 213.219.3059 | www.coil.sherwin.com

The **BONUS** is that for participating attendees who complete the course [must be present during the hour presentation], an Incentive Package (with 4 options to choose from) is offered:

- Assorted Cookie Package
- Popcorn Package
- Assorted Snack Package
- English Muffin Package

COURSE: VAL950 – FOUNDATION COURSE

HWS Credits Available

COURSE DESCRIPTION: This course explores how the use of color and coil and extrusion coated metal building products can help bring your façade design to life.

LEARNING OBJECTIVES

1. Understand what coil and extrusion coatings are and why they matter.
2. Review coil and extrusion coating methods and end-use applications.
3. Explore how color and metal coatings can be used to design visually impactful building facades.
4. Discuss coating performance and how to specify the right coating for your next project.

COURSE: VAL900 - SUSTAINABILITY *950 RECOMMENDED PREREQUISITE

HWS, GBCI, IDCEC Credits Available

COURSE DESCRIPTION: Explore options for achieving LEED and LBC credit using sustainable coil and extrusion coating systems for metal building products.

LEARNING OBJECTIVES

1. Understand factory-applied coil and extrusion coating types and coating application methods.
2. Review how to achieve green building standards through design and the implementation of the LBC, LEED, and Independent Design Declaration Programs.
3. Learn how solar-reflective metal coatings improve energy efficiency and help mitigate the urban heat island effect.
4. Examine the differences between Living Building Challenge, LEED v4.1 and Independent Design Declaration Programs with regards to metal coatings.

Does your company **offer an online lunch and learn?** Feel free to contact us at office@pscsci.org or lja@appliedbuildinginformation.com and we will do our part to get the word out to our membership. Offerings will run in the monthly Spectrum and in mid-month announcements for 2 months.

Sponsorship Opportunities

Get your name front and center and connect with CSI members!

Sponsor a portion of the Spectrum either on a monthly or quarterly basis:

- **Monthly Spectrum Sponsor**
- **Chapter Meeting Sponsor**
- **President's Sponsor**
- **Quarterly Product Spotlight Sponsor**

Contact Lia if you're interested and we will get the word out!

