



## MARCH SPECTRUM

Newsletter of the Puget Sound Chapter CSI  
March 2021 - VOL 87



# Have a Happy St. Patrick's Day !

### Highlighted in this Issue:

- **Congratulations** to the newest CSI Construction Documents Technologists and Certified Construction Specifiers!

### In this Issue:

- Virtual Chapter Meeting
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- Chapter Poll and previous month Poll Results
- Online Event Schedule
- **Product Spotlight**
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- **Help Support CSI's Mission**
- BOD Meeting Minutes
- Chapter Leaders
- Affiliate Webinar Events
- Distance Learning At-Large
- Sponsorship Opportunities

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### Contributors:

#### Articles:

- **John Aldredge** - *Technically....John Aldredge of LMN on the Origin of Words*

#### Graphics:

- **Matt Gregory**, Chapter Funny illustration - *Famous Stair Nosings...Revised!*

#### Vetted by Experts:

- **Jeff McIntyre**, *Rodda Paint Company*
- **Beth Stroshane**, **CCS, LEED**, *Managing Partner, Applied Building Information*
- **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

### EMBODIED CARBON IN BUILDINGS

#### MARCH VIRTUAL CHAPTER MEETING

THURSDAY, MARCH 11<sup>th</sup>, 2020  
12:00 PM - 1:00 PM PT

JOIN THE PUGET SOUND CSI  
AT **NOON ON A THURSDAY IN MARCH**

- Why is **embodied carbon** in construction important?
- What is the **Carbon Leadership Forum** (CLF)?
- What is **Building Transparency**? HINT: It's a Washington State 501c(3) nonprofit.
- What is the **Embodied Carbon in Construction Calculator** (EC3)?
- How did **University of Washington's CLF** incubate Building Transparency and the EC3?
- How can the **EC3 tool** be used to set reasonable carbon targets and select climate-smart materials?
- Q & A.



#### SPEAKER:

**Stacy Smedley**

Executive Director/Building Transparency, Director of Sustainability/Skanska USA Building



#### SPEAKER:

**REGISTER NOW!**

## March Education Seminar

### FIRESIDE CHAT SERIES: Modern Concrete with David Landrey

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EDUCATION SEMINAR  
TUESDAY, MARCH 23<sup>rd</sup>, 2020  
12:00 PM - 1:00 PM PT

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[REGISTER NOW!](#)

#### SEMINAR DESCRIPTION:

The world of concrete is deceptively simple; however, it quickly becomes complex as you learn more. Do you ever just want to sit down with an expert so they can answer all your questions? Now's your chance! **David Landrey, Director of Chemicals and Powders at MASCO**, will be featured in our first Fireside Chat Series seminar. David is a former PSC CSI President, a current Director on the PSC CSI Board of Directors, and is also on the Board of Directors for the International Concrete Repair Institute (PNW). He will answer questions including:

- What necessary details are commonly missing from the drawing sets you see today?
- Have you seen any details that are outdated for today's industry, or that have resulted in field failure?
- Is there any truth to the old joke that there's only two kinds of concrete – concrete that's cracked and concrete that will crack?

Make sure to add your concrete questions when you register! If we have any time left after pre-submitted questions are answered, David will answer attendee questions live.

## Special Announcements

Members can register for \$375 and non-members for \$625

# SPRING EXAM REGISTRATION NOW OPEN

REGISTER NOW FOR CDT®, CCS™, CCCA™



**Congratulations** from the entire Puget Sound Chapter  
to the newest recipients of the CSI's **CDT and CCS Certifications!**



- MAMIE KAMADA
- SUSAN WILLIAMS



- CARRIE GERSTENBERGER

## City Council Approves Seattle Energy Code Updates

*Reprinted for CSI from the AIA*

"On Feb. 1, the City Council approved the Seattle Energy Code updates by a vote of 9-0. This code was the subject of AIA Seattle's Climate Advocacy Week in December, when members met with city councilmembers to discuss the importance of strengthening the city's energy code requirements. **Thank you to all AIA members who participated in outreach to the Council – your efforts made a difference!** Special thanks to Mike Fowler AIA, Chris Hellstern AIA, and Nathaniel Gundersen Assoc. AIA for representing architects and AIA Seattle by providing testimony at Council hearings. And particular kudos to Duane Jonlin FAIA of Seattle's Department of Construction and Inspections, who shepherded this code through the long technical and political processes."

ARE YOU READY FOR

# 2021

# VIRTUAL PROSPEC..?!

**MARCH 29 - 30, 2021**

[CLICK TO LEARN MORE!](#)



## **MAKE YOUR MARK!**

Enter your designs for a new Puget Sound CSI Logo!

[CLICK HERE FOR THE RULES](#)

**DEADLINE IS APRIL 15!**



## **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: YOUR FAVORITE CSI**

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

I want more manufacturer and fabricator tours... SHOW me!

Select

ZOOM makes it so easy to attend...keep doing education this way.

Select

Alternating chapter meeting times help but are usually all I can do.

Select

Hands-on Hands-on...this is how I learn the best. Let me try!

Select

A combination is good, but I just need more notice.

Select

## PS Chapter Poll: **I WANT TO VOLUNTEER, BUT HOW?**

How would you prefer the Chapter communicate volunteering needs?

Puget Sound CSI  
website

Select

Spectrum Newsletter

Select

Puget Sound CSI LinkedIn  
page

Select

Puget Sound CSI Facebook  
page

Select

Email  
blast

Select

### FEBRUARY PS CHAPTER POLL RESULTS

Love in the Time of Covid

- 23% I'm part of a pretty big pod giving me plenty of hugs!
- 33% My love is derived from 1 or 2 people who carry the load.
- 44% Thank god for my pet(s). I don't know how I'd make it through.
- 0% Dating during Covid-19 is really tough but somehow I'm making it.
- 0% I've already counted my arm hair...TWICE.

## Online Event Schedule



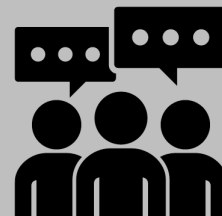
### CHAPTER MEETING

MARCH CHAPTER MEETING



### EDUCATION SERIES

FIRESIDE CHAT WITH



### CHAPTER MEETING

APRIL CHAPTER MEETING

MARCH 11, 2020

DAVID LANDREY  
MARCH 23, 2020

APRIL 8, 2020

EMBODIED CARBON IN  
BUILDINGS

MODERN CONCRETE

IBC 2018 IMPACTS ON  
CURTAIN WALL DESIGN

PROSPEC 2021  
MARK YOUR CALENDARS  
**MARCH 29-30**  
AND STAY TUNED!

## 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](mailto:srice@inprocorp.com)**

Visit [inpro.com/sani-system](http://inpro.com/sani-system) for more Inpro products and information!

## 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!*

**JEFF MCINTYRE**, Rodda Paint Company:

"....a pertinent topic on the Antimicrobial Coatings Market and the push from COVID19. I have heard many in the coatings industry pushing for these 'anti-microbial' and now 'anti-viral' coatings. But, the Perkins Will perspective shows this may just increase exposure to hazardous ingredients and provide little infection control."

- **Anti-Microbial Coatings Market**
- It led me to review **THIS 2017 WHITE PAPER** from Perkins Will on the topic of Antimicrobial Ingredients in Building Materials. They have a 2020 update referencing the COVID19 impact on desires for Anti-Viral materials.



**BETH STROSHANE**, Applied Building Information:

"...CLF Latest news has many good resources including CLF Embodied Carbon Policy Toolkit which may be very applicable in Washington soon."

- [CLF Embodied Carbon Policy Toolkit - Carbon Leadership Forum](#)

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**LIA ALIA WOLLARD**, Applied Building Information:

"More Starbucks and Faster!"

- [Starbucks builds energy-efficient, modular store in 6 days](#)
- [Video](#)

"I am also one who would do whatever I could to keep this incredible Weyerhaeuser HQ site from becoming a distribution center, but I'm just not sure how feasible saving it really is anymore."

- [Architects speak out about threat to historic Weyerhaeuser HQ in Washington](#)

"...there is no final step.' All journeys begin with a single step (like reading this report!)."

- [Creating a Culture of Justin, Equity, Diversity and Inclusion for your Architectural Practice](#)

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### **The Final Step**

Sorry to disappoint you, but there is no final step in a justice, equity, diversity, and inclusion program. Even when your firm achieves the goals you set for it (and that will likely take at least several years), there is always more that can be done—in outreach, in building the pathway, in recruitment, in training. But take heart in this: By the time you reach this step, most if not all your staff will be supporting it, and the results will become exponential. Advancing justice, equity, diversity, and inclusion in the architectural profession is within your (and our) reach. But those crucial first steps need to be taken. In the words of Representative John Lewis, "Find a way to get in the way."

## **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:

- MAR 11 **MARCH PROGRAM** Embodied Carbon in Buildings - Chapter Meeting
- MAR 23 **Fireside Chat Series:** Modern Concrete with David Landrey - Education Series
- MAR 29-30 **PROSPEC 2021** - VIRTUAL TRADE SHOW EVENT
- APR 8 **APR PROGRAM** IBC 2018 Impacts on Curtain Wall Design - Chapter Meeting

- MAY 13 MAY PROGRAM LEAN/ joint meeting - Chapter Meeting
- JUN 10 AWARDS & INSTALLATION - Chapter Meeting

## President's Message

### Looking to the Future

April Stokesberry, PSC CSI President

This year has completely changed the vision I had for this season. My goal as President was to help bring the younger generation in and show them what PSC CSI has to offer them. Due to school campuses being closed, a wrench was put in my plans but at the February chapter meeting we had the privilege of hearing from a trade school instructor in the Mukilteo/Everett area. Jennifer Stutz from Sno-Isle Tech, a school allowing high schoolers to jumpstart their careers in different trades, joined the Chapter to present her experiences as an instructor of the Construction Trade these past four years.



For the students, this year has been different than most, but they are still able to work hands-on with different products, and to learn the do's and don't's of the construction world. The students are typically picked up after a half-day at their high school and brought to the Sno-Isle campus for the remainder of the day. Some of their experiences include building tiny homes for people without housing, practicing everything from framing to roofing, and working with the Low Income Housing Institute. They are also involved with a craft fair where the students make different projects and sell them to fund different field trips to job sites to get the real feel of the career they are getting into.

The Construction Trade program is an important part of our community and you can help!

- Donate products to a class for hands-on training
- Provide ZOOM presentations on products or installation techniques.
- Is your company is looking for young, enthusiastic workers in your field? this is an amazing place to start! Sno-Isle Tech also assists in job placement after their students graduate high school!

If you are interested in helping the younger generation, please contact:

**Jen Stutz**

Construction Trades @ Sno-Isle TECH Skills Center

425.348.2244

[stutzjk@mukilteo.wednet.edu](mailto:stutzjk@mukilteo.wednet.edu)

I, for one, did not know this trade school existed, so it really lit a spark in me, and we were also able to have an amazing conversation after our the chapter meeting. This is our future. Supporting programs like this will make such a difference. The Puget Sound Chapter of CSI can make a difference in the lives of students by supporting them now and in their future endeavors.

Let us make sure they know who we are as a group and what we can do for them in the future.

## March Member Spotlight

### Dwayne Epp, AIA LEED AP, CDT

Associate Principal and Quality Assurance Manager, Mahlum Architects

### Bio:

“Today, our environment calls us to focus on sustainability and the resiliency of our buildings. My role at Mahlum has been to mentor project teams to address these construction challenges, finding new ways to create buildings that use their materials in an efficient and elegant way.”

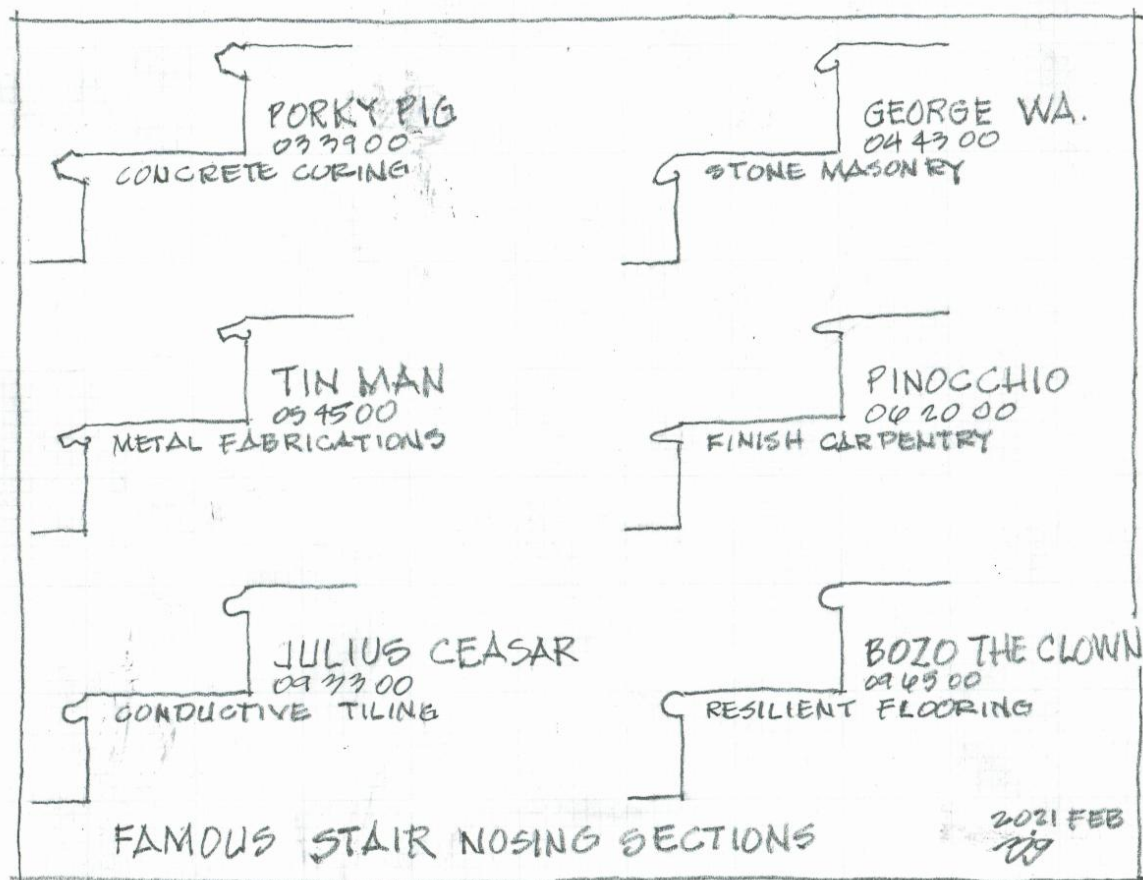


In the fall of 1998, I moved from Vancouver BC to Seattle to find a job. The economy there was in a slump and I thought I could work here for a year until things improved. Seattle was booming so; I took a job with Mahlum. It has been an adventure. I have been at Mahlum now for almost 23 years and I have had the opportunity to work on student housing, healthcare, K-12, and higher educational projects, getting plenty of technical and onsite construction administration experience.

Somewhere along the way I was introduced to CSI when a friend decided to take the CDT certification and he needed a study-buddy. We both passed and went on to join CSI. Since then, I have enjoyed attending local CSI events and I have even gone to CONSTRUCT. I also enjoy reading the monthly Construction Specifier magazine and frequently send the articles around the office. But for me the most useful part of CSI has been getting to know many of the local product sales and technical representatives. Connecting with product experts has been extremely useful to me and to the project teams I work with. I am always referring them to our project teams, and they are important to the success of our projects.

I now manage Mahlum's Quality Assurance program, providing unbiased reviews across all projects in the firm, focusing on product selection and constructability. I also mentor Mahlum's young architects to ensure consistent and accurate documentation. It's a lot of fun!

## Chapter Funny



### Famous Stair Nosings - Revised!

(Revised for more PUNS...)

## Technically...

### *John Aldredge of LMN on the Origin of Words*

**zany** – adjective from the 1600's. From zany (noun) comic performer, 1580s, from French *zani*, from Italian *zani*, *zanni* "a zany, clown," originally *Zanni*, Venetian dialect variant of *Gianni*, pet form of *Giovanni* "John;" thus equivalent to English Jack. A stock character in old comedies, he imitated the principal actors.

**pariah** – (just because I keep seeing it in headlines) an outcast. C17: from Tamil *paraiyan* drummer, from *parai* large festival drum; so called because members of this largest of the lower castes of Tamil Nadu, Kerala, and Sri Lanka were the drummers at festivals.

**outcast** - mid-14c., "an exile, a pariah, a person cast out or rejected," literally "that which is cast out," noun use of past participle of Middle English outcasten "to throw out or expel, reject,". In an Indian context, outcaste "one who has been expelled from his caste" is from 1876.

**Outkast** - an American hip hop duo formed in 1992 in East Point, Georgia, consisting of Atlanta-based rappers André "3000" Benjamin (formerly known as Dré) and Antwan "Big Boi" Patton. *From Wikipedia:* The duo initially wanted to be called "2 Shades Deep" or "The Misfits", but because those names were already taken they later decided to use "Outkast" based on finding "outcast" as a synonym for "misfit" in a dictionary.



## Help Support CSI's Mission

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:

- January 14, 2021
- February - *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

Click on Session Names below to Register

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LCI Cascadia-Seattle Communities of Practice (CoP)

*presents*

**LCI Learning Series: Exploring the 8 Wastes**

TUESDAY, MARCH 2<sup>nd</sup>, 2021

7:00 AM - 8:30 AM PT

The LCI Lean Learning Series is a facilitated discussion-oriented event focused on a specific Lean subject matter. The event is more structured than a Lean Coffee, yet shorter and less structured than an LCI education course. Its purpose is to provide just enough knowledge base to kick start an engaging Lean discussion among the participants. This topic focuses on **The 8 Wastes** as relevant to the design and construction industry. Participants will learn the definition of waste and descriptions of each of the 8 Wastes with examples for further exploration.

Learning will include a before and after waste walk video example.

- **Transportation**
- **Inventory**
- **Motion**
- **Waiting**
- **Overprocessing / Extra Processing**
- **Overproduction**
- **Defects**
- **Skills Underutilized / Non-Utilized Talent**



**A CAST IRON STAR IS BORN:  
19TH CENTURY MASONRY WALL TIES**

TUESDAY, MARCH 2<sup>nd</sup>, 2021

9:00 AM - 10:00 AM PT

*1 LU/HSW*



**FREE 2-DAY EDUCATION SYMPOSIUM**

TUESDAY and WEDNESDAY, MARCH 2<sup>nd</sup>-3<sup>rd</sup>, 2021

9:05 AM - 11:30 AM PT

*AIA/USGBC Credits Available*

- **Centria:** Insulated Composite Back-up Panels - A Simpler Solution
- **Panasonic Life Solutions:** Importance of Balanced Ventilation with Energy Recovery Ventilators (ERVs)
- **Feeney:** Versatile Aluminum Railing Systems: Quick to Install, Designed to Last
- **Kalwall:** Sustainable Design through Daylighting
- **Soprema:** Green Roofs: Integrating Blue and Gray
- **Humboldt Sawmill:** Sustainable Design with Redwood Timbers



**ENDOTHERMIC WRAPS:  
THERMAL PROTECTIVE SYSTEMS**

WEDNESDAY, MARCH 3<sup>rd</sup>, 2021

7:00 AM - 8:00 AM PT





THURSDAY, MARCH 4<sup>th</sup>, 2021  
8:00 AM - 3:30 PM PT  
*AIA/USGBC Credits Available*  
EVENT PROGRAM



### SEALANTS IN CONSTRUCTION

THURSDAY, MARCH 4<sup>th</sup>, 2021

12:00 PM - 1:00 PM PT

*1 LU/HSW*



### FRIIA C HANDS-FREE COMPLETELY TOUCHLESS COLD WATER SYSTEM

WEDNESDAY, MARCH 10<sup>th</sup>, 2021

10:00 AM - 11:00 AM PT



### MASONRY MOVEMENT JOINT: STRUCTURAL EDITION

WEDNESDAY, MARCH 10<sup>th</sup>, 2021

10:00 AM - 11:00 AM PT

*1 LU/HSW*



### TERRA COTTA CONSTRUCTION & RESTORATION

TUESDAY, MARCH 16<sup>th</sup>, 2021

9:00 AM - 10:30 AM PT

*1 LU/HSW*



### DESIGN AND DETAILING OF REINFORCED HOLLOW CLAY MASONRY

THURSDAY, MARCH 25<sup>th</sup>, 2021

9:00 AM - 10:00 AM PT

*1 LU/HSW*

## Distance Learning At-Large

Does your company offer an online lunch and learn? Feel free to contact us at [office@pscsci.org](mailto:office@pscsci.org) or [lia@appliedbuildinginformation.com](mailto:lia@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!

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