



SEPTEMBER BACK TO SCHOOL SPECTRUM

Newsletter of the Puget Sound Chapter CSI-September 2020 -VOL 81

New in this Issue:

- 2nd Month of the Chapter Poll! - *CSI Monthly Meetings*
- PS Chapter Poll Results! - *What Is Work Like Today?*
- New 2020-2021 Tentative Season Calendar

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- **Brian F. Carter**, Principal | CEO, Integrus - *The Pandemic State of K12 School Planning and Construction*
- **John Aldredge** - *Technically....John Aldredge of LMN on the Origin of Words*

Graphics:

- **Matt Gregory**, illustration - *A Spec Mystery Series 007 - Name This Bond*



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.

SEPTEMBER SPECTRUM SPONSOR



Founded in 1979, Inpro® is a global provider of high-performance, design-forward, architectural products. Inpro® manufactures and services products with an obsessive commitment to protecting buildings, the well-being and safety of the people who use them.



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PSCCSI Virtual Chapter Meeting



BACK TO SCHOOL!

Retrofitting Schools (and other spaces) for COVID-19

THURSDAY, SEPTEMBER 10th, 2020
5:00 PM - 6:30 PM

Submit a **current photo** and a **photo from back in your school daze** for the Chapter's entertainment and online matching challenge!

Email Melissa by 5:00PM, September 8 for inclusion in the game!

File Naming: *LastnameFirstname_YearTaken*

Join Zoom Meeting

<https://zoom.us/j/95262841041?pwd=dTFzTktYZ3VzOWp3OHg0NGxyRzJTdz09>

Meeting ID: 952 6284 1041

Passcode: 565328

One tap mobile

+12532158782,,95262841041# US (Tacoma)

+13462487799,,95262841041# US (Houston)

SEPTEMBER CHAPTER MEETING SPONSOR



A&I Manufacturing, Inc.

Contact David, your local Architectural Sales Manager for window coverings!



David will be presenting information to the Chapter on his new patent-pending product, Workspace Shield, which helps ensure a safer work environment.

Check out A&I Manufacturing, your local window covering fabricator's full line of products, highlighted by their line of Automated Roller Shades.

Additional window covering product offerings by A&I include:

- 1 inch
- 2 inch
- Cellular Shades
- Verticals



David Keegan | c. 206.930.1395 | dkeegan@a-imanufacturing.net
Visit a-imanufacturing.net for additional information

Special Announcements

CSI Columbus and CSCC Construction Management *present*



AUTUMN 2020 CDT BOOT CAMP

Saturday, October 17, 2020 | 6:00AM – 1:00PM PDT

VIA WEBEX

Max Capacity of 20 | \$95 | 6 AIA-CES

Contact Dean Bortz, CSI, CDT, CCPR for more information: 614-287-5033 dbortz@csc.edu

CLICK TO REGISTER !



CONSTRUCT
AEC EDUCATION & EXPO

OCTOBER 7 - 8, 2020
VIRTUAL EXPERIENCE

CONSTRUCT 2020 HAS GONE VIRTUAL!



CANCELED AND RESCHEDULED

In light of COVID-19, PSCCSI has canceled 2020's ProSpec.
The next ProSpec will now be held March 30, 2021; same speaker, venue and sponsors.
If anyone has questions, please contact [Justin Bise](#).

PS Chapter Poll: CSI Monthly Meetings

Given our new working conditions, would you prefer to...

Stay consistent with Chapter Meetings scheduled in the evening

Select

Alternate each month between evening and lunch meetings

Select

Make a change, schedule Chapter Meetings over the lunch hour

Select

Use the lunch hour while we navigate COVID and our home lives

Select

Stick to evenings so we can mingle, relax, and visit with members

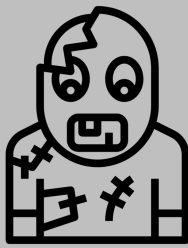
Select

AUGUST PS CHAPTER POLL RESULTS

What Is Work Like Today?

- 0% I'm working in the office now and then, and I don't like it.
- 18% I'm back in the office (full- or part-time), thank goodness!
- 0% I've been furloughed and am looking for my next opportunity!
- 18% I used to travel all the time for work and I miss it desperately.
- 64% I'm working from my home office and have always have.

Online Event Schedule



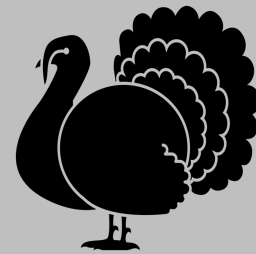
TERRORS FROM THE FIELD IN COSTUME

OCTOBER CHAPTER MEETING
OCTOBER 22, 2020
More Info Coming Soon!



WEB-HOSTED MEMBERSHIP EVENT

More Info Coming Soon!



DON'T BE A TURKEY LET'S GO BINGO!

NOVEMBER CHAPTER MEETING
NOVEMBER 12, 2020
More Info Coming Soon!

AUTUMN PRODUCT SPOTLIGHT



PACIFIC MAT
COMMERCIAL | RESIDENTIAL | HARD SURFACES

Contact Nora, your Architectural & Design representative for the Pacific Northwest!



Nora Vivarelli
norav@pacmat.com
c. 206.409.3870



Coral® Duo and Coral® Brush

3 Yarn Types:

- Active **Dirt-Scraping Yarns**
- Heavy-duty **Texture Yarns** that can to withstand the heaviest traffic, and
- **Capillary Yarns** to absorb moisture



Coral® Mats and Tiles

- **STOP** up to 95% of the **walk-in dirt and moisture**
- **REDUCE** **maintenance & cleaning costs** by up to 65%
- **MINIMIZE** liability from **slips and falls**
- **MAXIMIZE** the **useful life** of interior finishes
- **LENGTH MATTERS!** longer walk off equals **greater protection**

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:

- SEP 10 **BACK TO SCHOOL RETROFIT FOR COVID** - Chapter Meeting
- OCT 22 **TERRORS FROM THE FIELD IN COSTUME** - Chapter Meeting
- OCT 20 **TBD SEMINAR 1** - Education Series
- NOV TBD **NEW MEMBER GATHERING**
- NOV 12 **DON'T BE A TURKEY, LET'S GO BINGO** - Chapter Meeting
- NOV 24 **TBD SEMINAR 2** - Education Series
- DEC 10 **SCAVENGER HUNT HOLIDAY PARTY** - Chapter Meeting
- JAN 14 **SHARED PROGRAM TBD** - Chapter Meeting
- JAN 26 **TBD SEMINAR 4** - Education Series
- FEB 11 **FEB PROGRAM TBD** - Chapter Meeting
- FEB 23 **TBD SEMINAR 5** - Education Series
- MAR 11 **MAR PROGRAM TBD** - Chapter Meeting
- MAR 23 **TBD SEMINAR 6** - Education Series
- MAR 30 **PROSPEC 2021** - TRADE SHOW EVENT
- APR 8 **APR PROGRAM TBD** - Chapter Meeting
- MAY 13 **MAY PROGRAM TBD** - Chapter Meeting
- JUN 10 **AWARDS & INSTALLATION** - Chapter Meeting

President's Message

What Do You See In Your Future?

April Stokesberry, PSC CSI President

During this season we have had the chance to reflect on where we were as a group, where we are now, and where we want to be. I want to take some time to talk about our PSC CSI family as we get "back to school."

Think back on your life before joining our chapter of CSI. What relationships would you be missing without it? I think sometimes we take for granted the blessings right in front of us until they are no more. Remember that first day of school in a new grade, with new friends, and a new dream for what was to come in the coming year? No one could have imagined we would be meeting over a computer screen. I miss the days of showing off "new shoes," products or projects! As we start this new season, let us remain engaged. We have some fun activities (get to know your neighbor games) and we would LOVE for you to be involved!



Growth in our world is an important aspect in all of our lives. The continuation of learning in a world that is always changing, especially in our fields, is crucial to our success. Putting the speakers and contacts in place to help you all achieve your highest level of education and understanding is extremely important to us. Who was your favorite teacher in school? I love speaking with contractors who explain new products to me and where construction is going. At CSI, we are constantly learning about where our industry is headed and don't have to worry about being left behind, in any economy.

I cannot stress enough how beneficial getting to know your fellow members/construction family during this time will be. Strengthen your connections, call on that person you have seen in the Zoom meetings or only know by name. We want to grow stronger during this time, not feel isolated or divided. We are all here to help! If you have questions, someone in our group will have the answer or know someone who does. Utilize that... it could change the game for you!

No one knows what the future will bring us, but I do know that together we got this! We need to let the younger generation in on our little secret, showing them tricks that may have taken you 35 years to learn. Invite your friends, colleagues, and Emerging Professionals who may not know what we're about.

What do you see in your future? What do you want to be when you grow up? Your homework is to help us help you by bringing the best education this coming year.

One thing is for certain, I cannot wait to get our gang back together.

PRESIDENT'S SPONSOR



Contact **Amy**, your Architectural & Design representative for the Pacific Northwest!

- [Product Catalog](#)
- [Master Specification Documents](#)
- [Product Declarations \(SDS,HPD, TDS\)](#)
- [DIY Home Paint Projects and Inspiration](#)
- [A Revitalized Spirit – 2020 Color of the Year](#)



Amy is particularly interested in sustainability, product education and color trends. She teaches CEU courses, writes product specifications and facilitates industry events. With a Bachelor's degree in Interior Design from the Art Institute of Seattle, Amy has over 15 years experience in both residential and commercial interiors. Her career has encompassed everything from small residential design to International Store Design for Starbucks.

Amy enjoys being a resource and an educator and has found the perfect fit being an Architectural and Design Representative. She is a LEED Accredited Professional and a member of CSI, AIA, ASID, NKBA and IIDA. Amy is a Pacific Northwest native and lives in Seattle with her cabinetmaker husband, two sons and three cats.

Amy Griffin | c. 206.492.4228 | Amy.Griffin@Benjaminmoore.com

September Member Spotlight

Vicki Long, CSI Emeritus

The Artist Formerly Known as Queen of Athletic Equipment



Membership: Since 2002
Emeritus Member Since 2017
Past Chapter President 2013-2014

Bio:

I became interested in CSI around 1997 when my then boss took me to a CSI event where a man played Frank Lloyd Wright and presented a one man show about his life and views. I was hooked! First thing I did when I became a regional sales manager was join PSCCSI. I enjoyed the dinner meetings, which were then held at the University Women's Club – a perfect view of the construction of the Seattle Public Library. And, of course, the Christmas dinner meetings always included the Silent Auction to benefit Northwest Harvest – as always put together by Dick Owen.

So, here's a quick life lesson: the more people you know the more fun is had and the more involved you become. Little did I know that my mentioning I might have a suggestion for a ProSpec speaker would put me on that committee. Since my retirement, I confess that I do miss that committee and Julie Taylor. Good times, stressful times, but a great event at the end of the day.

As a firm believer that everyone really needs to participate, I did agree to run for chapter president – only a few pangs of anxiety. They say that extroverts speak to think and introverts think to be able to speak. I bet you can guess which category I fit into – pretty sure I talked way too much. Best moment: the tour of the Bullitt Foundation Building – thanks to Melissa Balestri. Worst: Tie – unable to keep a Quick Pitch from running way too long and Nile Club Awards dinner. (The Club closed two days later).

What do I miss since retiring? My CSI peeps. Seeing everyone, catching up and networking. I might not have all the answers for my customers but was confident that I could find someone in CSI who did. The variety of industries, architects and spec writers was and is invaluable. I also miss being the Queen of Athletic Equipment and helping with a gym design. ;-)

Since retiring I have enjoyed traveling, the arts, reading. There is plenty to do in this world. I enjoy Friday lunches at the Nickerson Street Saloon with John Jeffcott and Ed Storer and a revolving assortment of the 'usual suspects' that makes for a good time. Pandemic has curtailed that, of course, and until the weather changes we meet outside when possible. I have also very much enjoyed the Seattle Architecture Foundation offerings. I suggest you find them on Facebook and Instagram. I toured the Harvard/Belmont area as well as Queen Anne. Tour guides are awesome and cover the history and architectural styles.

I didn't realize when I joined PSCCSI that my knowledge, network and overall enjoyment of this industry would grow. I still read the Spectrum to keep up with the Chapter and the events. Look for me when that Axe Throwing event can be held! In the meantime: stay safe out there, my Friends.

Puget Sound - OP-ED Articles from our Community

The Pandemic State of K12 School Planning and Construction

Brian F. Carter, AIA, LEED AP, ALEP
Principal | CEO, Integrus Architecture

Most school boards and superintendents have seen their bandwidth for action absorbed by the immediate challenges of providing

resources to their students this fall. Though nearly all school districts in Washington State face continued capacity needs as well as aging infrastructure and deferred maintenance challenges, most have paused their long term capital planning during the pandemic crisis, or at least slowed their progress so they can focus attention on the immediate crisis. Many have shifted their facilities resources to focus on safe delivery of services during the pandemic, including potential opening of school at partial capacities, food service, busing, and special services like special education, counseling, and academic remediation



As districts turn to their design and construction professionals to help them understand how to navigate their immediate needs, some common key challenges are recurring:

1. Community Outreach: While some districts are using technology to hold virtual town halls and community meetings, most are opting to pause long term planning until their communities can gather again.
2. Voter Support: most school boards are delaying plans to ask their communities to support a capital construction bond right now. Most fear too much economic instability and uncertainty to get 60% support on a ballot.
3. Capacity: Staff is challenged to collaborate with their teams while working from home. Similarly, on site construction is continuing on some work, but carries with it the challenges and delays associated with the extended pandemic safety measures required on construction sites.

One silver lining to the current trend for Districts seems to be that the pandemic has put a pause on the “escalation race” that every school district has been facing for several years. The few districts that have funding in place for future projects, there is the prospect of adding scope and value to their projects. It’s a “buyer’s market” for school construction right now.

A SPEC. MYSTERY
SERIES 007
NAME THIS BOND



Division 4 Masonry

Running Bond

Stretching Bond



Division 7 Thermal & Moisture Protection



Shingle Offset Bond

Half Pattern Bond



Division 9 Finishes

Brickwork Bond

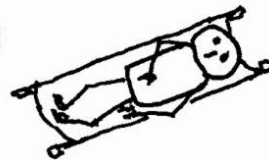
Subway Bond



Division 32 Exterior Improvements

Offset Bond

Stretcher Bond



219
20200805

Illustration by Matt Gregory

Technically...

John Aldredge of LMN on the Origin of Words

Last week I had a discussion with a project manager here at LMN about FRP and how to include it in the drawings. There was a similar product we talked about, a structural plastic. We use a system of abbreviations for Technical Nomenclature or technom for short. FRP is the generally known term for Fiberglass Reinforced Plastic in the profession, except for those who like words it technically should be GFRP.

fiberglas – a patented material developed accidentally by Owens-Illinois (a successor to the

Owens Bottle Co. founded in 1903 that made the first automated bottle-making machine) in 1932 when researcher Games Slayter directed a jet of compressed air at molten glass and produced fibers. Owens partnered with the Corning Glass Co. in 1935 to produce the product in 1936. It was a glass wool with the fibers trapping gas, making it a useful insulator. DuPont developed a resin suitable for combining with the glass fiber in 1936 that replaced the gas, producing a product of great strength.

More accurately the paneling and the structural plastic should be called Glass Fiber Reinforced Plastic (GFRP) or Glass-Reinforced Plastic (GRP) or Fiber-Reinforced Plastic, but glass fiber became known as fiberglass over the years. The fibers may be randomly arranged, flattened into a sheet (called a chopped strand mat), or woven into a fabric. There are various types of glass fiber used in production, identified by the letters A, E, S, C or T <https://en.wikipedia.org/wiki/Fiberglass> The structural material mentioned is pultruded FRP, which is drawing resin-coated glass fibers through a heated die – similarly to aluminum extrusion except the material is pulled through the die rather than pushed.

pultrusion - a portmanteau word, combining "pull" and "extrusion". You've seen portmanteau here before: "word blending the sound of two different words" (1882), coined by "Lewis Carroll" (Charles L. Dodgson, 1832-1898) for the sort of words he invented for "Jabberwocky," on notion of "two meanings packed up into one word." Originally it was a traveling case or bag for clothes and other necessities – French for "traveling bag". Originally it was the court official who carried a prince's mantle.

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:

- [June Meeting Minutes](#)
- [July Meeting Minutes](#)
- August: *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: **Lia Alia Wollard**, Applied Building Information
Education Chairs: **Melissa Falcetti**, Applied Building Information
Membership Chair: **Susan Williams**, PPG Paints
ProSpec Chair: **Justin Bise**, MG2

CSI and Affiliate WEBINAR Events

Click on Session Names below to Register



2021 Color Trends

with AIA, IDCEC and NKBA Accreditation

2021 Global Color & Design Trends

WEDNESDAY, SEPTEMBER 2, 2020 - 10:00 AM PDT

THURSDAY, SEPTEMBER 3, 2020 - 10:30 AM PDT

Residential Color & Design Trends

WEDNESDAY, SEPTEMBER 2, 2020 - 9:00 AM PDT

Commercial Color & Design Trends

WEDNESDAY, SEPTEMBER 2, 2020 - 12:00 PM PDT

THURSDAY, SEPTEMBER 3, 2020 - 9:00 AM PDT

Culture & Color

TUESDAY, SEPTEMBER 1, 2020 - 12:00 PM PDT

THURSDAY, SEPTEMBER 3, 2020 - 12:00 PM PDT



Virtual Deltek Insight 2020

TUESDAY AND WEDNESDAY, SEPTEMBER 15-16, 2020

VARIES

Live Interactive Webcast - Sustainable Design Solutions: Building Envelope & Interior Finish



THURSDAY, SEPTEMBER 17, 2020
7:45 AM - 5:30 PM PDT
8 AIA HSW | 6 USGBC/GBCI



The next **SEABEC** Meeting to be Thursday, September 17, 2020.

Distance Learning At-Large

Does your company **offer an online lunch and learn?** Feel free to contact us at office@psccsi.org or 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.



Online Lunch-&-Learn:
**Principles of Glass Selection for Facades:
From Rendering to Reality**
1 LU/HSWAIA Credits Available
[Click to Review Course Content](#)
[Contact Bryce Given](#), Architectural Design Manager, to schedule!

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 in Communications](#) if you're interested and we will get the word out!

