



## SPECTRUM

Newsletter of the Puget Sound Chapter CSI - February 2020 - VOL 74

In this Issue:

- Event Spotlight
- Upcoming Events
- Board of Directors Elections
- 2019-2020 Season Calendar
- Sponsorship Opportunities
- President's Message
- BOD Meeting Minutes
- Help Support CSI's Mission
- ProSpec Update
- Technically...
- Chapter Leaders
- Affiliate Events

## Event Spotlights

### Material Health and Production

Ingredient Transparency and the Challenge of Producing Healthier Materials

**Red List.  
Material Transparency.  
Living Products.**

Sustainability initiatives are reshaping the landscape of our industry, and products are being reformulated in response to gain market share.

At our February Chapter Meeting, **Alexandra Muller, Associate Director of Materials** for the International Living Future Institute, will share her experiences of engaging with manufacturers and guiding them through the Living Products certification.

**What's next on the sustainability horizon?** Join us to find out.



Above: Alexandra Muller,  
Associate Director of Materials at ILFI

**THURSDAY, FEBRUARY 13, 2020**

5:00 PM - 7:00 PM

**MG2**

1101 2nd Ave #100  
Seattle WA

[Register Here!](#)

---

**CDT Prep - Class 2 of 3: Education Series**



**TUESDAY, FEBRUARY 25,**  
**2020**

4:00 PM - 7:00 PM

**Downtown Seattle;**  
**Location TBD**

[Register Here!](#)

After Marc Chavez's excellent class exploring the foundations of the CDT exam content, join us for Cherise Lakeside's follow up class on **advanced CDT topics!**

**Cherise Lakeside, FCSI, CDT**, has over 30 years experience in the Portland, Oregon Architectural/Engineering Design community including Specifications, Standards, Business Management, Marketing, Contract Administration, Quality Control, Project Delivery Education, Speaking, Blogging, Social Media, Strategic Coach and Financial Management. She is especially interested in **helping young/emerging professionals take it to the next level and improving communication and coordination between the various disciplines for a better project outcome.**

Cherise is a CSI Fellow and is actively involved at multiple levels of the Construction Specifications Institute including her current position at Director-at-Large on the Board.

She's well known within CSI as the **#CSIKraken**. Join us for this class to find out why!



**Class 2 Speaker:**  
**Cherise Lakeside**  
(FCSI, CDT),  
Senior Specification Writer at  
RDH Building Science

## **Kick Some Axe!**

### **Get Social with CSI - Networking Event at Axe Kickers**

Kick some axe with CSI!

- Learn how to properly throw an axe, one-handed, and two-handed (or no hands)
- Time to dig out that Paul Bunyan plaid shirt that's buried in your closet
- Bring a friend and get ½ off your registration fee

Closed toe shoes required  
Free parking available

[Register Here!](#)



**THURSDAY, MARCH 12, 2020**

5:00 PM - 7:30 PM

**Axe Kickers**



## CDT Prep - Class 3 of 3: Question + Answer Happy Hour

Introduction to the CSI Construction Documents Technology (CDT) Certification exam



**TUESDAY, MARCH 24, 2020**

5:30 PM - 7:00 PM

**Downtown Seattle;**

**Location TBD**

[Register Here!](#)

Take a break from studying to join in this CDT Happy Hour! Industry experts and a recent CDT exam passer will be available to answer your questions.

Let off some steam, bring your questions, and take the time to swap study tips and tricks with your fellow CDT candidates.

## Upcoming Events



February 13, 2020

[Material Health and  
Production](#)



February 25, 2020

[CDT Prep Class 2 of 3](#)



March 12, 2020

[Kick Some Axe!  
Networking Event](#)



March 24, 2020

[CDT Prep Class 3 of 3](#)



[March 31, 2020  
ProSpec](#)



April 9, 2020  
Panel Discussion

Because the USA State of the Union address is happening later today, I thought it would

be appropriate to submit our own PSC CSI State of the Union (SOTU) address.

## ECONOMIC REPORT

I can't fully go into it in this medium, but let me just say that **this season's MVP is our Treasurer, Justin Bise of MG2**. Please shake his hand when you run into him next. Because of him, our chapter is in a substantially stronger position this season.

ProSpec, our annual expo and conference, is essentially **sold out thanks to the tireless work of chair Julie Taylor and the rest of the amazing ProSpec team**. Because our organization is now self-managed, the ProSpec committee is organizing this entire event without the help of a professional event planner for the first time. I challenge any of you to identify any differences in quality when you attend on **March 31<sup>st</sup>**. This team has once again hit it out of the park.

This season our operational costs have greatly changed, as we're no longer paying a company to professionally manage our organization (though we have hired two part-time employees – a bookkeeper and an administrative assistant). We're evaluating our financial situation this season **in the hope that next season we can restructure costs to add more value and reduce costs for our members**.

## CHAPTER PRIORITIES + AGENDA

Every CSI President brings to this position their own agenda for the season; because of our switch to a self-managed system, my agenda has had to shift quite a bit. For a while it felt like I had to abandon my original 2019-2020 vision in order to focus on helping make our chapter operational; however, I just re-read my first President's message and realized that, despite this season's challenges, we've already been able to touch on everything I hoped. **We've held successful social events, meetings with other local organizations, and are currently in the middle of our second multi-class series. We've also brought a focus back to education**, which is where I believe the true value of our chapter lies.

The second half of this season, we're continuing to continue to focus on creating our operational structure and plan. Last week President-Elect April Stokesberry and I met with Board Members from SeaBEC, who is also self-managed, to learn more about how they manage and operate their chapter. We've gained great insight and will be exploring some new methods throughout the remainder of the season.

## CONCLUSION

In short, your chapter leaders have been quite active behind the scenes this season. It's been **an exhausting but productive season, and our hard work is paying off**. I hope you've seen nothing but positive changes, and **I'm proud to say that this season's chapter leaders' legacy will be of creating and passing forward an organization that's financially and organizationally viable**.

Finally, I have a request. **All our Board and committee members are volunteers**. They've been tirelessly working this season to set us up for lasting success in this new era of our organization. **Please take a moment to thank them at the next chapter meeting or event you attend**.

**Thank you** to everyone who has contributed to our chapter this season. **Your work is much appreciated**.

## Board of Directors Meeting Minutes

Board Meeting minutes will be posted in next month's Spectrum.

# 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, or by mailing a check made out to:



## **Puget Sound CSI Memorial Foundation, Inc.**

PO Box 82062  
Kenmore, WA 98028-0062

**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.

## ProSpec Update

### **ProSpec Update**

by Julie Taylor

Some things change, some things stay the same. A recent article in the Spectrum about the beginning of ProSpec didn't have all the facts. **ProSpec was founded on blueberry pancakes!** Anne Whitacre, Lou Novak, David Huffman, Dick Owen and Mary Peterson and probably some others used to meet once a week for breakfast at a restaurant located at 1<sup>st</sup> Avenue North and Denny Way. They wanted to figure out something that was "better" than the typical trade show. The origin of the name came partially from San Francisco's show called Pro Fair and the idea that ProSpec was sort of like "prospect".



*Images: Ronald Rael*



These days, the ProSpec Committee meets at lunch time in a conference room at Integrus Architecture without any food. This has been a year of challenges - new location and a new speaker. The committee was disappointed when Francis Kéré alerted us he wouldn't



be able to make ProSpec and luckily found a new speaker.

**Ronald Rael will be the keynote speaker. He is an applied architectural researcher, author, design entrepreneur, and thought leader in the fields of additive manufacturing and earthen architecture.** In 2014 Rael San Fratello (co-founded with architect Virginia San Fratello), was named an **Emerging Voice by The Architectural League of New York—one of the most coveted awards in North American architecture.**

His first book, *Earth Architecture* (Princeton Architectural Press, 2008) is a history of building with earth in the modern era to exemplify new, creative uses of the oldest building material on the planet. A forthcoming book, *Borderwall as Architecture* (University of California Press 2017), advocates for a reconsideration of the barrier dividing the U.S. and Mexico through design proposals that are hyperboles of actual scenarios that occur as a consequence of the wall. Emerging Objects, a company co-founded by Rael, is an independent, creatively driven, 3D Printing MAKE-tank specializing in innovations in 3D printing architecture, building components, environments and products.

As an associate professor of architecture at the University of California, Berkeley, he is the **Director of the printFARM Laboratory** (print Facility for Architecture, Research and Materials), **holds a joint appointment in the Department of Architecture**, in the College of Environmental Design, **and the Department of Art Practice and is both a Bakar and Hellman Fellow.** He often teaches graduate design thesis, undergraduate courses on Design & Activism, and has twice directed the one year post-professional Master of Architecture program, Studio One.

Rael earned his Master of Architecture degree at Columbia University in the City of New York, where he was the recipient of the William Kinne Memorial Fellowship. Previous academic and professional appointments include positions at the Southern California Institute for Architecture (SCI\_arc), Clemson University, the University of Arizona, and the Office for Metropolitan Architecture in Rotterdam.

**If you are a vendor at ProSpec, look for more information soon about a tour planned for Feb 18<sup>th</sup> of the new location at Bell Harbor.**

FMI:

<http://www.rael-sanfratello.com/>

<http://www.borderwallasarchitecture.com/>

## Technically... *John Aldridge of LMN on the Origin of Words*

More Songs About **Buildings** and Food

**story** - a complete horizontal section of a building, having one continuous or practically continuous floor. The set of rooms on the same floor or level of a building. 1350–1400; Middle English *storie* < Anglo-Latin *historia* **picture** decorating a building, a part of the building so decorated, hence floor, story < Latin *historia* history. Another spelling of storey. "Perhaps so called because the front of buildings in the Middle Ages often were decorated with rows of painted windows" [Barnhart].

**clerestory (also clearstory)** - early 15c., "upper story of a church, perforated by windows," probably from *clere* "clear," in a sense "light, lighted". Originally the upper part of the nave, transepts, and choir of a large church; so called because the windows that pierced it were the principal source of light for the center of the building.

**flat** - 1801, "a story of a house," from Scottish *flat* "floor or story of a house," from Old English *flett* "a dwelling, hall; floor, ground," from Proto-Germanic *\*flatja-*, from suffixed form of PIE root *\*plat-* "to spread." Meaning "floor or part of a floor set up as an apartment" is from 1824.

**mezzanine** - 1711, "a low story between two higher ones in a building," from French *mezzanine* (17c.), from Italian *mezzanino*, from *mezzano* "middle," from Latin *medianus* "of the middle," from *medius*

**backstory** – from background story

**attic** - "top **story** under the roof of a house," by 1807, shortened from *attic story* (1724)

**sob story** – from 1913. an alibi or excuse, especially one designed to arouse sympathy. **Sob sister** "atticjournalist who writes sentimental stories or advice columns" is from 1912.

## Chapter Leaders

### BOARD MEMBERS

President: **Melissa Falcetti**, Applied Building Information  
President-Elect: **April Stokesberry**, Duradek Northwest  
Vice President: **Mary Ann Shepherd**, Applied Building Information  
Secretary: **Erika Anderson**, Anderson Specialties  
Treasurer: **Justin Bise**, MG2  
Director: **Robert Temple**, Hafele America Co.  
Director: **Susan Williams**, PPG Paints  
Director: **Rudy Jarvis**, Hilti North America  
Director: **David Landrey**, MASCO/Masons Supply Company  
Past President: **Kevin Vaughn**, The Euclid Chemical Corporation

### COMMITTEE LEADERS

Communications & Marketing Chair: **Lia Alia Wollard**, Applied Building Information  
Education Chairs: **Mary Ann Shepherd** and **Melissa Falcetti**, Applied Building Information  
Membership Chair: **Susan Williams**, PPG Paints  
ProSpec Chair: **Julie Taylor**, Integrus Architecture

## Affiliate Events

### AIA Medical Design Forum : Caring for People Caring for the Planet

This year's Medical Design Forum presents two days of interdisciplinary presentations, design





[Register Here!](#)

case studies and engaging conversations about how to address the magnitude of the climate crisis while meeting regulatory requirements aimed at ensuring a safe and healthy environment for patients.

10 LU/HSW available.

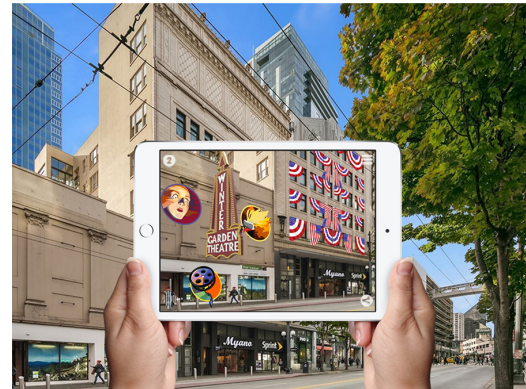
**FEBRUARY 6-7, 2020**  
**Mount Baker Community Club**  
 2811 Mt. Rainier Dr. S.  
 Seattle, WA 98144

## AIA The Emerging Smart City : Augmented Reality Workshop

### **SPEAKERS:**

- **Julia Beabout**, PE, Director of Design at Novaby
- **Susan Oldham**, co-founder of Seattle XR Design Salon

Mobile augmented reality is a rapidly emerging technology that has the power to change how we understand and interact with our urban environment. In this design jam style workshop you will learn basic AR principals, examine current and future use cases, and ideate with fellow attendees on how this technology can connect us with our city's past, present and future and make it a more sustainable, just and livable place for all.



[Register Here!](#)

**FEBRUARY 6, 2020**  
 5:30 PM - 7:30 PM  
**Center for Architecture and Design**  
 1010 Western Ave  
 Seattle, WA 98104



[Register Here!](#)

## AIA Balancing Act : Data, Technology and the Re-Imagined City

Come join the Seattle Architecture Foundation for a discussion around the future of cities and Seattle's position at the forefront of balancing technology, data, and social values in the public realm.

How do we focus emerging technologies to create livable, equitable and sustainable cities? How are designers, technologists, and urban planners re-imagining cities of the future to be more personalized, automated and data-driven? This discussion is part of AIA Seattle's exhibition, Balancing Act: Urbanism & Emerging Technologies. Designed and curated by Boston-based design firm CBT for AIA Boston, the exhibition explores how technology influences our urban experience and the possibilities to focus emerging technologies towards the human

**FEBRUARY 18, 2020**  
 5:30 PM - 7:00 PM  
**Seattle Architectural Foundation**

## SeaBEC : Sealants and Construction

### SPEAKERS:

- **Wayne Belcher**, United Professional Caulking and Restoration

Joint sealants are a critical part of any building. While they represent only a small portion of the total construction budget, failed joint sealants are responsible for water intrusion and related damage that results in millions of dollars of litigation each year. Having an understanding of the performance characteristics of sealants and the ability to identify and understand sealant failures and deficiencies is important. This presentation outlines the various types of joint sealant failures and discusses methods for avoiding or correcting these failures. The performance characteristics various types of sealant will be explored in the context of real-life projects. An overview of aesthetic and design issues will also be included.

Free for SeaBEC members; \$10 for all non-members.  
1 AIA LU available.



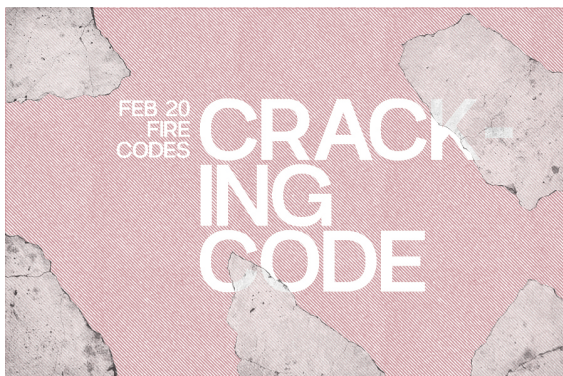
[Register Here!](#)

**THURSDAY, FEBRUARY 20**

5:00 PM - 7:00 PM

**OAC Services**

2200 1st Avenue South,  
Suite 200  
Seattle, WA 98134



[Register Here!](#)

**THURSDAY, FEBRUARY 20**

12:00 PM - 4:30 PM

**Seattle City Hall -  
Bertha Knight Landes Room**  
600 Fourth Ave  
Seattle, WA 98104

## AIA Cracking Code : 2018 Fire Code Revisions + Impacts on Design

Distributed generation, co-generation, micro-grid, smart-grid technologies have introduced new technology and fire safety challenges even as they have resulted in greater flexibility, reliability and resilience in the production, distribution, control and use of electrical power.

This seminar reviews the latest technological advances in electrical energy production and storage and the fire safety and fire protection regulations regarding the installation, maintenance and use of these types of systems. Specifically, the seminar reviews the recent changes to the 2018 International Fire Code in Chapter 6 and Chapter 12 governing emergency and standby power systems, photovoltaic power systems, stationary fuel cells, and battery energy storage systems.

