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.

THURSDAY, FEBRUARY 13, 2020
5:00 PM - 7:00 PM
MG2
1101 2nd Ave #100
Seattle WA

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

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

THURSDAY, MARCH 12, 2020
5:00 PM - 7:30 PM
Axe Kickers

Register Here!
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.

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**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
Board of Directors Elections

Want to take your vision to the next level? Need experience in a leadership role?

**Run for a position in the 2020-2021 Board of Directors!**

Elections will happen in March. Elected officers will assume their roles on July 1st. The following positions will be up for election:

- **President**: 3 year commitment; first year as President-Elect, learning the role; the following year as President; and the final year as Past-President, acting as an advisor for the following season's President.
- **Vice President**: 1 year term.
- **Secretary**: 1 year term.
- **Director #3**: 2-year term; serve as a liaison between committees and the Board.
- **Director #4**: 2-year term; serve as a liaison between committees and the Board.

Interested? [Email our office for more information]

2019-2020 Season Calendar

Our 2019-2020 season calendar is now available as a printable graphic. [Download it here] and don't miss an event!

Take me to the [PSC CSI Website] for more information.

Sponsorship Opportunities

Sponsorship packages are available for all our events. Please click on registration links for events above for sponsorship information.

President's Message

**PSC CSI State of the Union**
by Melissa Falcetti, PSC CSI President

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 31st. 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.

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**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 1st 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”.

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...
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_arcl), 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 18th 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 flét "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, Integris 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
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

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**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.

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

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**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
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.

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.