



SPECTRUM

Newsletter of the Puget Sound Chapter CSI

President's Message

Bill Littler, CSI

Happy 2017, one and all! This past 2016 was quite a year - I don't know that any of us could have prepared for the tidal wave of work many of us experienced. There doesn't appear to be any lessening in the coming year.

Interesting facts about construction in 2016:

1. As of summer of 2016, Seattle had 58 construction cranes reshaping the skyline - more than any other city in the country, according to recent data.
2. Seattle has more cranes than New York and San Francisco combined. It has twice as many as Chicago, Washington, D.C., or Portland. And it has an 18-crane lead over second-place Los Angeles.
3. DJC printed in June 2016 that more than 14 million square feet of office space is in the pipeline; more than 5,200 hotel rooms are on the way; and 8,661 housing units are slated for completion this year and next.
4. Seattle is now fourth for growth among the 50 biggest U.S. cities, behind Denver, Fort Worth & Raleigh.
5. 1,055 Architect Jobs are available in Seattle, WA on Indeed.com.



Needless to say, with statistics like this, all indicators seem to be pointing to a very active 2017 and beyond.

In "light" of all the good news about the local market, I wanted to put a "spotlight" on some New Year's fun. Below you will find some very recognizable cities illuminated by New Year's fireworks. At the end of the message is a list of the location and the prominent building/sculpture/structure shown in the photo. As you are all a well-

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EVENTS CALENDAR

2016-2017

Chapter Program

Topics

January 10, 2017

Life Cycle Assessment

January 12, 2017

Insurance and Liability

February 9, 2017

Sound Environmental

Product Selections

March 9, 2017

Specifications: How to Write and Review Them

traveled group, I'm certain you shouldn't have any problem identifying many of them.

#1.



#2.



#3.



#4.

April 13, 2017
*Port of Seattle SeaTac
International Projects*
May 11, 2017
*Understanding
Acoustical Design*
May 18, 2017
*NW Region/West Region
Conference*
June 8, 2017
Awards Program

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#5.



#6.



#7.



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Spectrum is published monthly as a benefit for members of the Puget Sound Chapter CSI.

Articles must be submitted by the 15th of the month for the next month's edition. Email submissions to office@psccsi.org.

Visit www.psccsi.org to subscribe or to view current and back issues.

LINKS

Northwest Region CSI

Portland Chapter CSI

Mount Rainier Chapter CSI

Spokane Chapter CSI

Willamette Valley Chapter CSI

Capital Chapter CSI

Idaho Chapter CSI

#8.



#9.



#10.



#11.



Big Sky Chapter CSI

Join CSI



#12.



#13.



List of Locations:

#1. This one should be easy - Seattle, WA. The Space Needle - completed 1961. (Interesting fact - from the time of its construction, the Space Needle has always had a light atop the structure. The most recent version is the Legacy Light, first illuminated on New Year's Eve 1999/2000)

#2. San Francisco, CA. The Ferry Building - completed 1898. (Interesting fact - A. Page Brown designed the clock tower after the 12-century Giralda bell tower in Seville, Spain)

#3. Anaheim, CA. Sleeping Beauty Castle - Disneyland - completed 1955. (Interesting fact - this was inspired by Neuschwanstein Castle in Germany)

#4. St. Louis, MO. The Gateway Arch - completed 1965. (Interesting facts - Clad in stainless steel and built in the form of an inverted, weighted catenary arch, The Gateway Arch is the world's tallest arch, the tallest man-made monument in the Western Hemisphere, and Missouri's tallest accessible building)

#5. Chicago, IL. The Wrigley Building - completed - south tower 1921, north tower 1924. (Interesting fact - The Wrigley Building was Chicago's first air-conditioned office building)

#6. New York, N.Y. The Statue of Liberty - dedicated 1886.
(Interesting fact - the copper statue, designed by Frederic Auguste Bartholdi, a French sculptor, and built by Gustave Eiffel)

#7. Washington D.C. The Washington Monument - completed 1884/1888. (Interesting fact - The Washington Monument is both the world's tallest stone structure and the world's tallest obelisk)

#8. London, England. "Elizabeth Tower" - i.e. The clock at the north end of the Palace of Westminster, known commonly as "Big Ben" - completed - 1859 (Interesting fact - Big Ben is the nickname that was applied first to the Great Bell of the tower - the largest of 5 bells)

#9. Paris, France. The Eiffel Tower - completed 1889. (Interesting fact - The Eiffel Tower is the most-visited paid monument in the world; 6.91 million people ascended it in 2015).

#10. Berlin, Germany. The Brandenburg Gate - 1791. (Interesting fact - It was commissioned by King Frederick William II of Prussia as a sign of peace)

#11. Copenhagen, Denmark. Tivoli Gardens - opened 1843.
(Interesting fact - Tivoli Gardens is the oldest operating amusement park in the world. Who says Scandinavians don't have a history of being fun-loving people)

#12. (Because I am not superstitious) - Rio de Janeiro, Brazil. Copacabana Beach. (Interesting fact - the district was originally called Sacopenapa until the mid-18th century when it was renamed after the construction of a chapel holding a replica of the Virgen de Copacabana, the patron saint of Bolivia)

#13. Iceland (sadly no specific location was provided). The Aurora Borealis - created eternity past. (Interesting fact - Unquestionably the greatest cosmic fireworks in the universe)

Happy New Year to one and all - may it be a healthy, happy & prosperous year.

Chapter Meeting Quick Pitches



There are presently openings in February, March, April and May for 10-minute Quick Pitches for our Chapter meetings. The cost is \$150. Any member or non-member can present. If interested, contact Dick Owen for questions or to reserve your date. This is a great opportunity to introduce our Chapter members to you, your products, or services.

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 - 08 74 00 Access Control Hardware
 - 28 13 00 Access Control
 - 28 16 00 Intrusion Detection

January Chapter Programs

January 12th Dinner Program: All You Wanted to Know About Project Insurance

Location: Mirabella, 116 Fairview Ave N

Date + Time: Thursday, January 12, 2017

Social Hour: 5:00-6:00 pm, Dinner: 6:00-6:30 pm, Program: 6:30-8:00

pm

Cost: \$40 members/\$45 non-members/\$25 students/\$0 sponsored students (after 12/9, prices will be additional \$10)

Our January program will be presented by Shelley Cardiel, Senior Account Manager, Commercial Department and a Principal of Parker, Smith & Feek. She plays a leadership role in her firm's quality control, procedures, and training programs, and supervises PS&F's commercial account team members. In addition to her leadership responsibilities, Shelley manages all administrative aspects of the insurance program for some of our largest, most high profile, and technically complex clients. Shelley specializes in construction and real estate accounts, and has extensive experience with Contractor Controlled Insurance Programs (CCIP) and Owner Controlled Insurance Programs (OCIP) management and administration. She is an expert in contract analysis for insurance purposes and conducts training seminars on all aspects of contract management, including review and proper handling of certificates of insurance.

Shelley has 40 years of experience in the insurance industry, 33 of those at Parker, Smith & Feek.

This an opportunity to learn about project insurance, so bring your questions and someone from your office to share the CSI experience.

Register Now!

January 10th Tech Talk: Life Cycle Assessment

Location: 925 4th Ave, 4th Floor Board Room

Date + Time: Tuesday, January 10th, 2017 from 12:00-1:00pm

Lunch: Bring your own

Credits: 1.0 LU

Cost: Free

Environmental Life Cycle Assessment (LCA) is a method to quantify environmental impacts, such as carbon emissions, over the full life cycle of a product or building. LCAs are growing in use for both research and practice, and are incorporated into LEED v4. Kate Simonen, Professor of Architecture at the University of Washington, will provide an overview of LCA methods, share some of the results of her LCA research and present examples of LCA studies conducted by building industry professionals. Kate Simonen is a registered Architect, licensed Structural Engineer, and Founding Director of the Carbon Leadership Forum, an industry-academic collaborative focused on reducing greenhouse gas emissions from the manufacturing of building materials and products.

Register Now!



The Puget Sound Chapter CSI has a separate organization, the Puget Sound CSI Memorial Foundation, established in 2007, whose purpose is to provide scholarships, fellowships, and grants to promote educational programs serving the interest of the Puget Sound Chapter of the Construction Specifications Institute, the construction industry, and related endeavors, which support the objectives of CSI. The Foundation is administered by a volunteer board composed of willing past presidents of the Puget Sound Chapter. Brad Williamson is the current president of the Foundation Board. Any individual or organization can contribute tax deductible donations to the Foundation by sending a check made out to the Puget Sound CSI Memorial Foundation and mailing to the Puget Sound Chapter office: 2150 N. 107th St., Suite 205, Seattle, WA 98133-9009, Phone: (206) 382-3393 (The Foundation is a 501(c)(3) organization). Donations in the past have been used for scholarship awards 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 Foundations objectives.



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ProSpec: Coming Soon - March 14



Thanks for all those who have signed up or signed on to participate in ProSpec March 14, 2017 it promises to be fun, educational, possibly important to your business, and a delicious event. But don't forget to

invite guests to come for the seminar, tradeshow, dinner and of course to hear from keynote speaker Tom Kundig.

As you think about what was accomplished this current year and about objectives for next year, 2017, please make participating in CSI and attending ProSpec high on your to-do list, making a significant difference to your business for 2017.

Happy Holidays!

New Association for Expert Witnesses in the Pacific Northwest has Launched

Expert Witnesses from the Pacific Northwest (Oregon, Washington, Idaho, Montana, Alaska & British Columbia) have joined to create a new association named the Pacific Northwest Network of Forensic Expert Witnesses (PN2FEW). What started out as an informal networking group has grown into an active association to advance the cause and raise the profile of expert witnesses in this region. The PN2FEW association has quickly become the resource for litigators to find experts for their cases. Requests for construction defect experts have become more frequent, and while the association has several experts already, more are needed to meet this growing area.

The association's main mission is to support experts through marketing assistance, professional development and information sharing in all disciplines. The most important aspect of this association is to take the fear and mystery out of litigation.

Criteria for membership is the willingness to take cases from both sides of the bar. Members of the association are eligible to participate in the monthly continuing education meetings, have access to a private listserv to ask questions or receive referrals and can elect to be on the searchable expert witness database.

Membership is free now while the association is building. To learn more about the Pacific Northwest Network of Forensic Expert Witnesses and to see a list of upcoming trainings, visit www.pn2few.org. To request more information and to join, please email Kristin at admin@pn2few.org.

Monthly Programs Recap

December Tech Talk: Current State of Materials Transparency

By Melissa Balestri, CSI, CCS

Presentations can quite often be impersonal and lack interaction. Not this one! Due to a smaller attendee size for our December Tech Talk, we were able to have an informal presentation and group conversation. During the presentation, audience members were welcomed to pick the brains of Ed Clark (ZGF Architects), Chris Hellstern (the Miller Hull Partnership) and Melissa Balestri (ZGF Architects) on topics ranging from disclosure documentation to how to actually design a Living Building project (Chris has worked on at least three!). We also had the chance to hear from audience members who are heavily involved in this movement, and find out how they're progressing and which roadblocks they're hitting. Many thanks to our attendees and speakers.

Affiliate Events

2017 Northwest Region and West Region Conference

When: May 18-20, 2017

Where: Seattle, WA

[Learn more!](#)



About CSI

CSI is a national association of specifiers, architects, engineers, contractors, facility managers, product representatives, manufacturers, owners and others who are experts in building construction and the materials used therein. They are dedicated to improving the communication of construction information through:

- A diversified membership base of allied professionals involved in the creation and management of the built environment. Join us.
- Continuous development and transformation of standards and formats.
- Education and certification of professionals to improve project delivery processes.
- Creation of practice tools to assist users throughout the facility life-cycle. Join a CSI Practice Group.

CSI is governed by a Board of Directors, a nationally elected body that provides long-range strategic leadership. The Board is composed of nationally elected CSI officers, including the president, president-elect, two vice presidents, the secretary, and the treasurer; elected representatives (directors) from each of CSI's 10 regions; and a director at large. CSI's executive director/CEO is a corporate officer.

For more information about or to join CSI, visit www.csinet.org/joincsi, or call 800-689-2900.

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