



CONNECTIONS

January 2015 Volume 15 Issue 4

Newsletter of the
Structural Engineers
Association of Oregon

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SEAO has a twitter account
and can be
followed at
[@SEAOregon](https://twitter.com/SEAOregon).



Upcoming SEAO Meetings and Events:

Wednesday, January 28, 2015: SEAO Dinner Meeting

Topic: The Most Common Errors in Wind Design & How To Avoid Them

Speaker: Emily Guglielmo, S.E., Associate, Martin/Martin, Inc.

Location: Sentinel Hotel, 614 SW 11th Avenue, Portland, OR

Time: 4:45 pm Committee Info Session, 5:30 pm check-in & social, 6:15 pm dinner, 6:30 program

PDH Credit: 1 hour

Meeting Sponsor: Contech Services

See Page 3 for additional information.



Friday, January 30, 2015: YMF Winterhawks Hockey Game

Location: Moda Center, Portland, OR

Time: 7:00 pm

All spots have already been reserved. See Page 4 for additional YMF information.

Saturday, January 31, 2015: Excellence in Concrete 2015— Call for Entries Deadline

See Page 11 for more information.

Wednesday, February 25, 2015: SEAO/SF Trade Show

Location: Monarch Hotel & Conference Center, 12566 SE 93rd Avenue, Clackamas, OR

Time: 5:00 pm to 8:00 pm — Seminar times to be determined and printed in February's Newsletter.

Wednesday, February 25, 2015: 51st Annual Engineer's Week High School Banquet

Location: Lloyd Center DoubleTree by Hilton Hotel, 1000 NE Multnomah Street, Portland, OR

Pre-Banquet Events: The Exhibit Hall & Student Seminars will be open from 4:00 pm to 6:15 pm for students, teachers, and engineers.

Banquet Time: 6:30 pm to 8:30 pm

See Pages 13 and 14 for more information.

Thursday, April 23—Saturday, April 25, 2015: Structures Congress 2015

Location: Oregon Convention Center, 777 NE MLK Jr. Blvd., Portland, OR

See Page 5 for more information.

Thursday, April 23, 2015: Excellence in Concrete 2015 Awards & Banquet

Location: Salem Convention Center, 200 Commercial St SE, Salem, OR

Time: 5:30 pm

See Page 11 for more information.

Thursday, July 16 - Saturday, July 18, 2015: SEA Northwest Conference

Location: Boise, Idaho

See Page 15 for more information. We will be updating the information in future newsletters..

CONNECTIONS is a monthly publication of the Structural Engineers Association of Oregon, published to disseminate current news to our membership and others involved in the profession of structural engineering. The opinions expressed reflect those of the author and, except where noted, do not represent a position of SEAO.

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PRESIDENT'S MESSAGE: HAPPY NEW YEAR!

BY: JENNIFER EGGERS, P.E., S.E.



I hope everyone enjoyed and survived the chaos of the holiday season. On behalf of the Board, I would like to wish you all a very Happy New Year. I am really looking forward to this year! The New Year gives us a time to reflect on what has helped shape us to the type of engineers we have become. It also makes me think about who has helped guide me to this point.

Mentoring is a key element of our profession. I suspect that each of us has been a mentor, mentee, or perhaps both throughout our careers.

For those that have mentored other engineers throughout their career, thank you for years of teaching and passing down valuable information for the betterment of our profession. I've had many different mentors during my career and a few quickly come to the top of my mind. These mentors knew how to ask the challenging questions at the right times. They also were patient and let me try and succeed/fail on my own. I hope they, and you, know the value of what mentors provide to young engineers starting out their career.

For those of us who are at the point of our career where we are mentoring others, it is important to understand what the role is and pass on knowledge from our own experiences. Think about what it was like to be coached and the value that time brought. So much in our profession is gained from years of experience and lessons learned the hard way. Let's take that information and pass it down. Personally, I know I have a habit of focusing on the latest deadline or proposal and not enough guiding of less experienced engineers around me - a common trait in our profession. Let's break this habit. I challenge you (and myself) to make a conscious effort to spend uninterrupted time mentoring in 2015. It is a small investment that is worth a lot to the person on the other side of the table and to you in the long run. You may also learn from them.

Being a mentee is the best and you don't even know it yet. Soak it up now, because you will wish you had later on in your career. I still find myself on this side of the table with many questions. Whether we want to admit it or not, there is so much to learn and so many different topics in our profession that all of us could easily find ourselves on the mentee side of the table. I encourage you to ask your mentor tough questions. They might not know the answer, but they can encourage you to work through it. The best interactions I had with my mentors were when I came to them with a problem and a proposed solution to discuss. We talked about the steps I took and assumptions made and were able to discuss what they would have done differently and why. There is always more than one way to solve a problem, so try it out and see what your solution is. This is the best way to learn.

I hope we all take the time to share our experiences with other engineers, whether they are just starting out or have been in the profession for a while. We can always learn something new. What was the biggest 'lesson learned' of your career so far and how did you handle fixing it? If you have one and are willing to share it with us, I encourage you to get in touch with me. I wish it were easier for us to talk about these lessons learned openly so that everyone can learn and take that lesson with them through their career. Everyone makes mistakes and everyone encounters challenges on projects -- it is good to talk about them and how they are handled. One of my favorite subjects that I love hearing about is how engineers were able to handle clients/owners when something went wrong on the project. It is one of the most challenging parts of projects that are rarely discussed.

I encourage you to actively reach out to a potential mentor or find a mentor. Mentors do not always need to be within your same company. Reach out to the SEAO Board if you are looking for a mentor and we will find a good fit for you. This relationship certainly doesn't need to be formal, and often the best mentor/mentee relationships are not.

Looking forward to this year, the SEAO Board has decided to create an avenue to share some of the innovative and interesting projects designed by SEAO engineers. SEAO has decided to have its First Annual Awards Competition this year! Awards and presentations will be held during our yearly Board transition at the September dinner meeting. See the write up by Lauren in this newsletter and please keep your eyes out for more information on these awards. Start thinking of projects you would like to submit! Oregon has such a talented pool of engineers and it is important to share and showcase this talent. We have such a wide range of projects that I am really looking forward to learning more about, and I hope you are as well.

Please join us at this month's January meeting and **Committee Info Session!!** Emily has a great presentation for us and I hope you can join us. The Committee Info Session will give you a chance to learn about the various SEAO Committees we have and to get involved. We are always looking for more volunteers. This is not a big time commitment, so please consider coming. Remember that each meeting or seminar you attend, you get to enter your name in the drawing for a spot on the SEAO Fishing Retreat.

February is SEAOSE Tradeshow month where the Scholarship Foundation hosts its annual fundraising trade show. We hope to see you there to help support our scholarships!

Thank you for your continued participation and support. I am looking forward to seeing you at one of our upcoming events. I wish the best for everyone and their families for this coming year. Jennifer

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Jim Riemenschneider—jimr@vlmk.com

Snow Load

Andy Stember—andy@jasenginc.com

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Ray Miller—ray@millers-se.com

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Devon Lumbard—devonl@wrkengrs.com

Golf Tournament

Devon Lumbard—devonl@wrkengrs.com

Conferences

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ADVOCACY COMMITTEE

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Legislative

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Professional Development

Open

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Seth Thomas (Alternate)—
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JANUARY DINNER MEETING ANNOUNCEMENT

WEDNESDAY, JANUARY 28, 2015

MEETING SPONSOR: CONTECH SERVICES, INC.

Topic: The Most Common Errors in Wind Design & How To Avoid Them

This month's meeting will feature a talk on common errors in the application of the ASCE 7 wind provisions. Specifically, it will focus on four topics, including enclosure classification, wind load analysis methods, torsional wind load requirements and implementation, and major changes in ASCE 7-10. This session will also include practical examples for the practicing structural engineer and ideas for simplifying wind load analysis. Lastly, the talk will focus on the future of the wind load provisions and how the practicing structural engineer can help focus the direction of the code.



Speaker: Emily Guglielmo, Associate, Martin/Martin, Inc.

Emily Guglielmo is an Associate with Martin/Martin, Inc and manages their San Francisco Bay Area office. She has lectured on wind load provisions, including the 2014 NCSEA Annual Conference, the Structural Engineers Association of Colorado (SEAC) Fall Seminar in 2012, and the Structural Engineers Association of Montana (SEAMT) Joint Engineers Conference (JEC) in 2013 and 2014. Emily has recently been honored with the BD+C 40 Under 40 Award (2013), Structural Engineer Rising Stars Award (2013), and was an ENR 20 Under 40 recipient in 2014.

Looking for a way to get involved? In addition to our usual dinner schedule, we are hosting a Committee Info Session from 4:45 pm to 5:45 pm, just before the dinner meeting. You can drop in early to find out valuable information about several of our committees, including finding out how to join a committee and contribute to our Chapter. This is a great way to mingle around the room and meet the committee chairs to learn more about what they do. See how you can get involved based on your interests. Please consider coming early to attend this session.

Location: Sentinel Hotel (formerly the Governor Hotel), 614 SW 11th Avenue, Portland, OR

Committee Info Session: 4:45 pm

Check-in & Social: 5:30 pm; **Dinner:** 6:15 pm; **Program:** 6:30 pm

Cost: Dinner and Program:

\$32 — Prepaid Members
\$20 — Prepaid YMF Members
\$40 — Prepaid Non-Members
Free — Students

Reservations: Pre-registration is required for all. **You can register and pay online at www.seao.org before noon, Friday, January 23.** You can also register with Jane Ellsworth via phone at (503)753-3075 or via Email: jane@seao.org. Note: No-shows will be billed.

PDH Credit: One PDH has been recommended for this program.

Meeting Sponsor: Contech Services, Inc.
See Page 8 for additional information.



NEW COMMITTEE

SEAO is pleased to announce the formation of a new Awards Committee. The purpose of the committee is to recognize outstanding achievements by the profession and will culminate in the first Annual Awards Presentation at the September dinner meeting.

Projects will be judged on innovative design, engineering achievement, and creativity. Awards will be presented in the following categories:

- New Buildings Under \$10M
- New Buildings Over \$10M
- Renovation/Retrofit
- Special Use Structures

The committee is currently looking for members to assist with the process. Please contact Lau-ren.DiPalma@kpff.com if interested.

SEISMIC EVENTS

[ASCE Webinars \(www.asce.org\)](http://www.asce.org)

Thursday, February 5, 2015, 8:30 AM – 10:00 AM PT. [The Seismic Coefficient Method for Slope and Retaining Wall Design.](#)

Friday, February 6, 2015, 9:00 AM – 10:30 AM PT. [Using Nonlinear Analysis and Fiber Wrap Material for Efficient Seismic Retrofit.](#)

YOUNG MEMBER FORUM ACTIVITIES

By: Phil Davis & Seth Thomas

Upcoming YMF Events:

Friday, January 30th — Winterhawks Hockey Game — Moda Center, Portland, Oregon at 7:00 pm. All spots for this event have already been reserved, but the YMF will be attending more sporting events this year. Be sure to check future newsletters for events in the future.

Thursday, February 22nd – YMF Happy Hour —

Location: TBD

Time: 5:30 pm to 7:30 pm

Bring a friend, coworker, or both and enjoy a beer and some food while getting to know some other young professionals in our area.

YMF Website Info:

<http://www.seao.org/committees/advocacy/ymf/>. Please visit our website for more information on YMF events and information.

ROSTER & MEMBERSHIP DUES

The SEAO roster is going to print on February 2. If your membership dues are not paid by that date, your name will be deleted from the database and will not be included in the roster. You will also not receive a copy of the roster. Annual dues for SEAO membership were due on October 31, 2014. You can make checks payable to SEAO and mail to:

9220 SW Barbur Blvd, No. 119
PMB #336
Portland, OR 97219

Or renew online using a credit card by going to: www.seao.org

Renewals: Member (licensed PE in Oregon): \$102

Affiliate Member (unlicensed): \$95

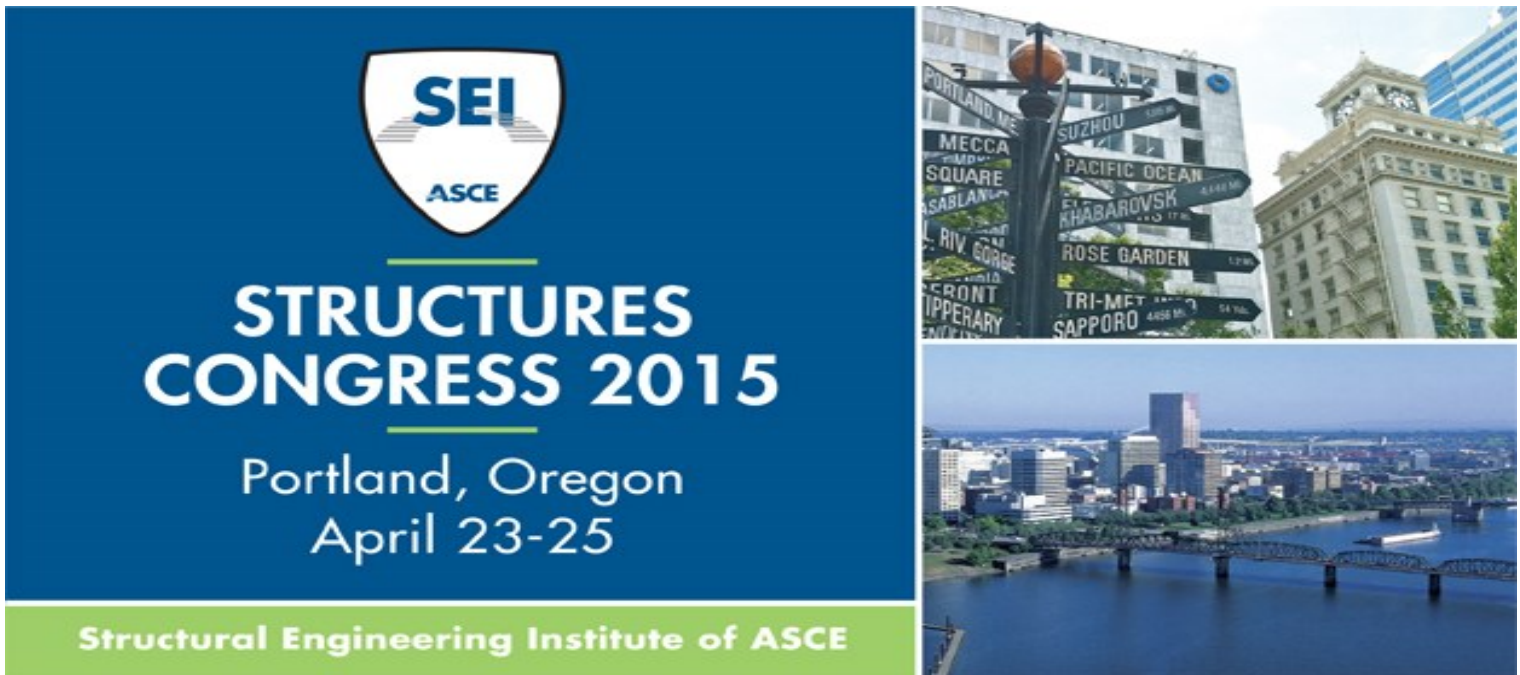
Student Member (full-time student in Civil
or Structural Engineering): \$16.50

Retired Members & Retired Affiliate Members: \$25

Membership must be current (dues paid) to have your name included in our annual roster.

To update our records, please be sure that we have your correct address, name of your company, current phone numbers, and your email address. This will guarantee that you are receiving all correspondence and information from SEAO. You can update your information online or if you have any questions contact jane@seao.org.

STRUCTURES CONGRESS 2015



Structures Congress 2015 - Oregon Convention Center
April 23- 25, 2015 - Premier Event for Structural Engineers

[Register Early and Save Money](#)

Join us to:

- Learn from dynamic technical sessions - choose from more than 120
- Take part in the Council of American Structural Engineers (CASE) Spring Risk Management Convocation
- Connect with colleagues - more than 1,200 attendees expected
- Be inspired by two renowned keynote speakers in Plenary Session: Tad McGeer, Ph.D., Founder and President of AeroVel Corporation and Avery Louise Bang, CEO of Bridges to Prosperity
- Earn Professional Development Hours (PHDs).
- Interface with students and young professional.
- Visit Portland for roses, parks, museums, outdoor adventures, great food, microbreweries, and so much more.

View all registration options and choose the one that works best for you. Flex Registration might interest you - learn more about this at [registration option](#) .

We expect the hotels to sell out in advance of the official cutoff date. Make your [hotel reservation](#) today.

Quick Links

View [Technical Program](#) 120 technical Sessions.

Instructions [For International Travel](#)

Materials to help [convince your boss](#)

IBC CODE INFORMATION

EXCERPT FROM 2012 IBC HANDBOOK

1607.14 Interior walls and partitions.

The intent of this section is to provide sufficient strength and durability of wall framing and wall finish, so that a minimum level of resistance would be available to nominal impact loads that commonly occur in the use of a facility and to HVAC pressurization.

Fabric partitions are defined in Section 202 as follows:

FABRIC PARTITIONS. A partition consisting of a finished surface made of fabric, without a continuous rigid backing, that is directly attached to a framing system in which the vertical framing members are spaced greater than 4 feet on center.

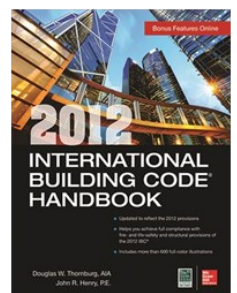
The definition clearly differentiates fabric partitions from other more traditional-type partitions, which include partial-height office partitions that contain rigid panels finished with fabric and attached to a rigid frame. In the case of a fabric partition, there is no rigid panel to which the fabric is attached. The fabric simply spans the open space between the rigid frame over which it is stretched and attached. In the definition, it states that the vertical framing members are spaced greater than 4 feet on center, again to differentiate this type of partition from a more traditional partition where the vertical framing members are spaced at 4 feet on center or less. Typically, these partitions are not intended to be full (ceiling) height, so they would normally not be attached directly to the ceiling. They are usually supported by the floor, except under conditions where, because of the layout and the height of the ceiling, it may be more appropriate to hang the partition from the ceiling grid or use a combination of floor supports and ties to the ceiling grid or a special structural ceiling grid designed to support such partitions. Figure 1607-7 shows some examples of fabric partitions.

The intent behind the concentrated load of 40 pounds was to ensure that the partition does not tip over if someone were to inadvertently lean up against the frame or the fabric, and that a person inadvertently leaning against the fabric would not cause the fabric to tear and the person to fall abruptly. In the case of the 5 psf horizontal load, it was decided that the 5 psf is to be distributed by calculating the total load based on the area of the fabric and then having that load distributed proportionally over the horizontal and vertical structural framing members of the partition. Thus, the framing system, in effect, will be resisting the total horizontal distributed load of 5 psf even though the 5 psf is not applied over the field of the fabric between the supports.



Figure 1607-7 Applications of fabric partitions.

This excerpt is from the 2012 International Building Code Handbook, authored by John Henry, PE and Doug Thornburg, AIA. The book is available at iccsafe.org/store. Use ID # 4000S12.



EMPLOYMENT OPPORTUNITY CITY OF PORTLAND

Engineer - Structural (Limited Term)

SALARY: \$41.66 to \$50.63 Hourly
OPENING DATE: 1/5/15
CLOSING DATE: 1/26/15

THE POSITION

Structural Engineers for the Bureau of Development Services (BDS) are responsible for performing advanced professional engineering assignments while carrying out their individual responsibilities with initiative, independence and creativity, exercising sound professional judgment and problem-solving skills. Structural Engineers perform specialized structural plan reviews of private development and public work structures, including but not limited to building and non-building structures (both commercial and residential), foundations, retaining walls and shoring, and cell towers among others, to ensure compliance with applicable codes and regulations and professional standards of practice. The Structural Engineer applies advanced knowledge of concepts, principles and practices of structural engineering. This position requires a high degree of effective communication with professional engineers, design professionals, contractors and building owners as well as other review groups within the City of Portland. The Bureau of Development Services strives to provide all services in an equitable manner; demonstrated abilities in the areas of equity, inclusion, diversity and/or accessibility are preferred. Incumbents are responsible for understanding, interpreting and applying applicable codes as well as evaluating alternative designs. The current vacancy exists in the Engineering Plan Review Section of the Bureau of Development Services. *Although not required a certificate of registration as a Structural Engineer (S.E.) is preferred*

This is a full-time limited term position. Persons appointed to limited-term positions will be designated as limited duration employees whose appointments shall not exceed one (1) year except for the extension of grants or funding from outside sources. Please note that this position is currently funded as limited-term. There is a possibility that the position may convert to a full-time regular position.

The City is offering two optional information sessions for this recruitment. Please see the Additional Information section below for details and location.

To Qualify

The following qualifications are required for this position:

1. Knowledge of principles and practices of earthquake engineering, including the ability to implement the seismic provisions of the building code.
2. Experience applying civil engineering principles and advanced knowledge of concepts, principles and practices of structural engineering.
3. Experience applying the principles of design, construction and maintenance of buildings and structures as they relate to present-day building code requirements for reinforced concrete, steel, masonry, wood and other building materials.
4. Experience reviewing and evaluating building construction documents for accuracy and compliance with state and local laws and regulations including Oregon Structural Specialty Code, Oregon Residential Specialty Code, and the American Society of Civil Engineer's ASCE 31 and ASCE 41.
5. Experience using a variety of computer programs and technology used in solving engineering problems.

Applicants must also possess:

- A valid state driver's license and an [acceptable driving record](#) at the time of hire.
- A certification of registration as a professional Engineer by date of hire.

The Recruitment Process

An evaluation of each applicant's training and experience, as demonstrated in their cover letter/resume weighted 100%. Only the most qualified candidates passing the cover letter/resume evaluation will be placed on an equally ranked eligible list. **Additional evaluation may be required prior to establishment of the eligible list and/or final selection.**

Application Instructions

Applicants must submit a cover letter/resume online, specifically focused on your qualifications for this position as identified in the "To Qualify" section of this announcement in accordance with the following Application Instruction.

Your resume and cover letter will be the basis of our evaluation of your qualifications for this position. Incomplete or inappropriate information may result in disqualification.

- Your cover letter should include details describing your education, training and/or experience, and where obtained which clearly reflects your qualifications for each of the numbered items in the "To Qualify" section of this announcement.
- Your resume should support the details described in the cover letter.
- Your résumé and cover letter should be no more than a **total of four (4) pages combined**.

All completed applications for this position must be submitted no later than **4:30 pm, on the closing date of this recruitment**. *E-mailed and/or faxed applications will not be accepted.*

If you are requesting [Veteran's Preference](#), attach a copy of your DD214/DD215 and/or Veteran's Administration letter stating your disability to your profile, as well as checking the box identifying yourself as a Veteran. You must request Veteran's Preference AND include a copy of your documentation for each recruitment you apply for.

Veteran's Preference documentation must be submitted no later than 4:30 PM on the closing date of this recruitment.

Non-citizen applicants must be authorized to work in the United States at time of application.

It is the policy of the City of Portland that no person shall be discriminated against based on race, religion, color, sex, marital status, family status, national origin, age, mental or physical disability, protected veteran status, sexual orientation, gender identity or source of income. The City values diversity and encourages everyone who is interested in employment with the City to apply. If you wish to identify yourself as an individual with a disability under the Americans With Disabilities Act of 1990 and will be requesting accommodation, the requests must be made to the Analyst(s) named below **No Later Than the Closing Date of This Announcement**.

Questions?

Allan Messer, Senior Human Resources Analyst
Bureau of Human Resources
allan.messer@portlandoregon.gov
(503) 823-6821

An Equal Opportunity/Affirmative Action Employer

SEAOA CALL FOR SPEAKERS



43rd Annual Convention and Conference

Date: Thursday to Saturday June 18 - 20, 2015

Location: Hilton El Conquistador Resort, Tucson, AZ

The Structural Engineer's Association of Arizona Convention Committee invites engineering professionals and partners to share their knowledge and expertise with their colleagues at our 2015 conference.

The SEAOA Annual Convention and Conference is attended by over 150 member and sponsor attendees from Arizona and surrounding states. The convention is known for the breadth and depth of seminar topics provided and we encourage you to become part of this event.

FINAL SUBMISSIONS ARE DUE FEBRUARY 15, 2015

For additional details and complete requirements [click here](#).

THANK YOU,

SEAOA Convention Committee

2015 NCSEA WINTER LEADERSHIP FORUM

NCSEA will be hosting the 3rd Winter Leadership Forum, January 29-30, 2015 in Coral Gables, Florida. The forum gathers together structural engineering principals and leaders in an energetic and engaging environment, focused on key strategic issues vital to firm survival and success.

The sessions include:

- AEC Business Development: The Decade Ahead
- Increasing Your Engineering Firm's Value to Your Client
- Ideas to Get Your Firm Hired and Retain Relationships
- Organic Growth vs. Growth by Acquisition
- Banking Relationships
- Case Study: To Purchase or Pass (on Another Firm)

See Page 12 for additional information.

JANUARY MEETING SPONSOR: CONTECH SERVICES, INC.

LICENSED IN 7 WESTERN STATES, CONTECH SERVICES, INC. IS A SPECIALTY CONTRACTOR IN :

CONCRETE REPAIR, RESTORATION, STRENGTHENING & WATERPROOFING

MORE SPECIFICALLY:

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- EPOXY INJECTION
- GROUTING WITH CEMENTS, EPOXIES & CHEMICAL GROUT
- EXPANSION JOINT SYSTEMS
- ELASTOMERIC URETHANES AND SEALANTS
- PLATE BONDING
- SOIL STABILIZATION & SLAB JACKING
- AND OTHER UNIQUE APPLICATIONS

DON ELLSWORTH, PAST PRESIDENT FOR OREGON'S ACI CHAPTER AND PAST SEAO BOARD MEMBER IS HAPPY TO BE THIS MONTH'S SPONSOR.

WWW.CONTECHSERVICES.COM

CONTECH
CONTECH SERVICES, INC.

FISHCAMP 2014

BY: JOMARIE FARRELL, SEAO NEWSLETTER EDITOR

On the beautiful weekend of October 3rd – 5th, four members of the 2014-2015 SEAO board, three committee chairs, two raffle winners, and one lone newsletter editor held a retreat at “FishCamp”. Hosted, at no cost to SEAO, by Mike Bair (a fellow SEAO member) and Bill Voss. The retreat was an opportunity for the Board and attending members to discuss the activities for the year ahead. There were ten of us that were able to attend the fishing retreat: Jennifer Eggers, Gary Lewis, Michelle Chavez, Devon Lumbard, Seth Thomas, Andy Stember, Dmitri Wright, John Tesner, Mike Bair, and JoMarie Farrell.

FishCamp, as the name suggests, is a camp oasis tucked alongside the Rogue River, just outside Shady Cove, Oregon, owned by Bill Voss and his wife, Dede. It is a long stretch of land alongside the river that contains Bill and Dede’s beautiful home, four cabins with very comfortable beds, and a bath house. There is also a single wide mobile home with its own private bath. A trailer in the common camp area is set up to serve as the outdoor kitchen area for the guests staying in the mobile home and cabins.



The retreatants were welcomed to FishCamp Thursday evening and treated to a sumptuous dinner prepared by Bill and his wife, Dede. This was followed by a get-to-know each other session with our hosts and the SEAO members by a roaring campfire.

Early next morning we were paired up in small boats called “drift boats”, each pair with a guide. After some Fishing 101 lessons from our guides, we set off on the beautiful Rogue River on our quest to catch some steelhead. After spending all day on the river with moderate success and several keepers, we returned exhausted early in the evening. We were again treated to a wonderful dinner followed by a campfire retreat and discussion of SEAO activities and brainstorming ideas to provide more value to members.

After a great meal and lively discussion, we went to bed at the prospect of another day of fishing on the Rogue the next day. Saturday morning was another crisp but clear one. Another day on the river went by fast. Saturday was topped off with yet another wonderful meal, a warm fire, wine made by Bill and Dede, and more lively discussion and conversation!

On Sunday morning, we had a wonderful community breakfast together, had a grand tour of Bill and Dede’s home, celebrated our success and fishing skills, and got on the road to head home.



Fish camp was an amazing retreat and a great bonding, educational, and learning experience for the Board and attending members. We all would like to thank Mike Bair, Bill Voss, and Dede for being such gracious and wonderful hosts. We appreciate and thank you for your continued support of SEAO.

This is the same fishing trip that is being raffled off by attended SEAO events. The more SEAO events you attend, the more chances you get to win a trip to fish on the Rogue River—an event you will not want to miss!

Continued on Page 10

FISH CAMP 2014 (CONT.)

Photos from our trip:



Ahh, the sweet smell of success!! Or is it fish?? Both!!





EXCELLENCE
IN
CONCRETE
2015
Call for Entries
OREGON & SW WA Projects

**Deadline for
Submissions:
January 31, 2015**



Jeld-Wen Field - 1st Place - Recreational EIC 2014

For the past 35 years, the Excellence in Concrete Awards Program (EIC) has showcased innovative and functional concrete applications used in our region's commercial, industrial, and residential projects.

The awards program recognizes the exemplary use of concrete in building design, construction and landscaping by architects, engineers, general contractors, and concrete producers.

We hope you have identified one or more projects to enter in this year's competition.

Enter Now!

There's no cost to submit an entry.

Nominations will be accepted from any person or firm for projects using concrete within the state of Oregon or SW Washington - completed during the past two calendar years (January 2013 thru December 2014).



All projects will be judged by a panel composed of representatives from local professional and trade organizations. Completed entry forms, photos, and additional required information must be received by **January 31, 2015.**



Awards will be presented Thursday, April 23, 2015 at the Salem Convention Center. Invitations and tickets for the banquet are open to the public, sponsors, and project contributors.

More details at:

www.ocapa.net/excellence-in-concrete

About EIC

Produced by *Oregon Chapter of American Concrete Institute (OACI)* and *Oregon Concrete & Aggregate Producers Association (OCAPA)*.



For questions contact Lori at 503-588-2430.

2015 WINTER LEADERSHIP FORUM

January 29–30, 2015 Hyatt Regency Coral Gables, Florida

The third NCSEA Winter Leadership Forum will gather together structural engineering principals and leaders in an energetic and engaging environment, focused on key strategic issues vital to firm survival and success. Sessions include:

Thursday

AEC Business Development: The Decade Ahead – Scott Butcher, Brad Thurman

Information is vital to anyone selling design and construction services—what works, what doesn't and how do clients want to be sold? The SMPS Foundation interviewed more than 100 buyers and sellers of A/E/C services to answer these questions and will share their findings with attendees.

Increasing Your Engineering Firm's Value to Your Client

This panel will focus on ways to increase billable hours, increase and provide more comprehensive services, and improve specialties.

Moderator:

Robb Dibble, Principal, Dibble Engineers

Panelists:

Greg Kingsley, President & CEO, KL&A Structural Engineers & Builders
Brad Thurman, Principal & Chief Marketing Officer, Wallace Engineers
Mike Tylk, Principal (retired), TGRWA, LLC

Ideas to Get Your Firm Hired and Retain Relationships - Part I

This panel presentation and discussion will focus on pre-positioning, business development, and go/no-go decisions for project pursuits. The design and construction industry has changed greatly since the onset of the Great Recession, creating upheaval in the traditional approaches to getting work. Owners have become more sophisticated and client loyalties have changed, meaning that firms traditionally viewed as subconsultants must now think like prime professionals.

Moderator:

Scott D. Butcher, FSMPS, CPSM, VP, JDB Engineering Inc., SMPS Foundation Trustee, and Co-Chair of Foundation Thought Leadership Committee

Panelists:

Robb Dibble, Principal, Dibble Engineers
Carrie Johnson, Principal & Chief Information Officer, Wallace Engineering SC
Greg Kingsley, President & CEO, KL&A Structural Engineers & Builders
Mike Tylk, Principal (retired), TGRWA, LLC

Thursday (continued)

Ideas to Get Your Firm Hired and Retain Relationships - Part II

We expect universities to train our employees for the technical tasks of their job. Technical abilities alone are not sufficient for long-term success. Communicating with our clients is something employees are often not trained to do. Soft skills are just as important as technical skills. They enable professional to navigate effectively through a wide variety of social and professional situations with a wide variety of people. How do you train your people to be effective communicators, to be responsive, creative, and organized? The panel will discuss ideas on how you can train your employees for successful interaction with your clients.

Moderator:

Carrie Johnson

Panelists:

Scott D. Butcher
Robb Dibble
Brad Thurman
Greg Kingsley
Mike Tylk

Friday

Organic Growth vs. Growth by Acquisition

This debate and panel discussion will focus on the avenues for firm growth, their pros and cons, and understanding which approach, if any, is right for your firm.

Moderator:

Jonathan Hernandez, PE, SECB, Partner at Gilsanz Murray Steficek LLP (GMS)

Debate Moderator:

Robb Dibble

Participants:

Organic Growth: *Mark Aden*, President, DCI Engineers
Growth by Acquisition: *Bjorn Morisbak*, VP, Acquisitions & Strategic Planning, Stantec

Friday (continued)

Banking Relationships

– Terry Vanderaa, Steve Van Drunen

Providence Bank Chairman Terry Vanderaa and Bank President Steve Van Drunen will discuss how engineering firms and banks can develop relationships that benefit both parties, how banks analyze firms, and how banks view growth opportunities.

Case Study: To Purchase or To Pass

– John Tawresey

This interactive case study will focus on whether or not to acquire another firm. Attendees will function as the Board of Directors making this decision.

"I enjoyed the interactive format and the lively discussions from diverse perspectives. Well worth my time."

Ed DePaola, P.E., SECB
President & CEO
Severud Associates Consulting Engineers

"A perfect mix of networking and business learning. The Winter Leadership Forum will be on my calendar every year."

Chris Hofheins
Principal
BHB Consulting Engineers

Take your seat at the table. Discuss and develop new strategies, and learn what other principals are doing and thinking.

Platinum Sponsor:



The Winter Leadership Forum will take place at the scenic Hyatt Regency Coral Gables in Florida. The hotel is located just steps away from beautiful beaches, lush fairways and dozens of shops. The Hyatt Regency also hosts a pool and an award winning fine-dining restaurant, Two Sisters.

Register at www.ncsea.com

51st Annual Engineers Week High School Program

*Celebrating over 50
years of growing
new engineers in
Oregon &
Washington*

YOU are an essential part of the 51st Annual Engineers Week Program.

The 51st Annual Engineers Week High School Program is coming:

Date: **Wednesday, February 25, 2015**

Location: **Lloyd Center DoubleTree by Hilton Hotel
1000 NE Multnomah Street, Portland**

Pre-Banquet Events: The Exhibit Hall & Student Seminars will be open from **4 – 6:15 PM** for students, teachers and engineers.

The Annual Engineers Week High School Banquet begins at 6:30 PM. All sponsor engineers are encouraged to attend – this is the best opportunity to talk to students and share what you love about being an engineer!

To participate at E-week:

- Send in the attached form and a sponsor check (see details on next page).
- Email Tova Peltz at tova.r.peltz@odot.state.or.us for online registration and payment information.
- We will contact you with additional day of the event information.

*THANK YOU ! We look forward to seeing
you in February!*

Engineers Week Sponsorship Levels

		Sponsor Included on E-week Web and Facebook Pages	Title Sponsor on all Event Publications*	Official Sponsor of College Seminars	Number of Sponsored Students	# Banquet Dinner Tickets for Your Organization
Platinum	\$2,000	✓	✓	✓	20	15
Gold	\$1,000	✓	✓	.	10	10
Silver	\$500	✓	.	.	5	5
Individual	\$75	.	.	.	1	1

*Title sponsors will be included on all event publications if program support is committed by December 31, 2014.

E-week Registration

Company Name: _____

Contact Name: _____

Email Address: _____

Phone Number: _____

Sponsor level - check one:

- ☐ Platinum \$2,000
- ☐ Gold \$1,000
- ☐ Silver \$500
- ☐ Individual \$75
- ☐ I cannot attend, but I would like to sponsor a student - \$40

Send this form and a sponsor check payable to "ASCE Oregon Engineers Week" to: Tova Peltz, c/o ODOT 5681 SW Arctic Drive, Beaverton, OR 97005.

The Engineers Week High School Program is a tax-deductible program affiliated with the American Society of Civil Engineers, a 501c3 non-profit organization.

Save the Date!



- ✓ **Up to 12 PDH's**
- ✓ **Construction Site Tours**
- ✓ **Young Member's Reception**
- ✓ **Technical Presentations**
- ✓ **Socializing!**
- ✓ **Delegate Meeting**
- ✓ **Who's who in SEA Leadership**
- ✓ **Networking**
- ✓ **Trade Show**
- ✓ **Free Coffee!**
- ✓ **Business & Management workshops**
- ✓ **Happy Hour!**
- ✓ **Panel Discussions**
- ✓ **Gifts!**
- ✓ **Regional & National Speakers**
- ✓ **Water Event**

✓ **Fun for the Entire Family!!**

Now accepting Exhibitor applications and Sponsors!
For more information go to SEAIIdaho.org