



CONNECTIONS

June 2014 Volume 14 Issue 9

Newsletter of the
Structural Engineers
Association of Oregon

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Upcoming SEA/O Meetings and Events:

Thursday, June 19, 2014: YMF Happy Hour

Location: Basecamp Brewing, 930 SE Oak Street, Portland, Oregon

Time: 5:30 pm to 7:30 pm

See Page 4 for additional YMF information.

Wednesday, June 25, 2014: SEA/O Lunch Meeting

Panelists: Patrick Brunner—GSA

Matthew Braun—Howard S. Wright

Nathan Ingraffea—KPFF Consulting Engineers

Gauri Rajbaidya—SERA Architects

Bret Cournoyer—PAE

Jonathan Gray—Interface Engineering

Topic: Edith Green/Wendell Wyatt Federal Building - Integrated Project Delivery, Co-Location, Collaboration of Team & Lessons Learned

Location: Portland City Grill, 111 SW Fifth Avenue, 30th Floor, Portland, Oregon

Time: 11:30 am check-in and buffet lunch, 11:50 announcements, 12:00 pm program

Sponsor: Daily Journal of Commerce (DJC Oregon)

DJCOregon
Oregon's Building Connections

Friday, July 11, 2014: YMF Lunch Meeting

Location: KPFF Consulting Engineers, 111 SW Fifth Avenue, 26th Floor Conf. Room, Portland, OR

Time: noon to 1:00 pm

See Page 4 for additional YMF information.

Wednesday, July 23, 2014: SEA/OACI Annual Golf Tournament

Location: Pumpkin Ridge Golf Club, 12930 NW Old Pumpkin Ridge Road, North Plains, Oregon

Time: 1:00 pm shotgun start, 6:00 pm social, 6:30 to 7:30 pm dinner & awards

See Pages 10 and 11 for additional registration and sponsorship information.

Thursday, August 7, 2014: YMF Summer Picnic

Location: Laurelhurst Park, Site D

Time: 4:00 pm to 8:00 pm

See Page 4 for additional YMF information.

SEAO now has a
twitter account and
can be followed at
@SEAOregon.



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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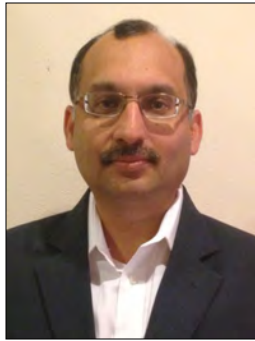
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PRESIDENT'S MESSAGE:

NO GOOD DEED . . .

By: Amit Kumar, S.E., P.E.



"No good deed goes unpunished but... that should not hold us back from doing the right thing!" That was the take-away message from a fascinating talk that Joe Tortorella, President of Robert Silman Associates in New York, presented to the SEAO members at our May dinner meeting. Unfortunately, we had a very disappointing turnout with only 25 of us there to listen to what in my opinion was perhaps one of the most intriguing, fun and, in the words of the presenter, "hair raising" tales. Joe was referring to the work he and several engineers belonging to SEAO NY who "volunteered" their services in the recovery effort in the aftermath of the 9-11 tragedy. These structural engineers worked tirelessly for months, often in perilous conditions and for the most part for very little to no compensation. For all the good deeds they performed they are now being sued on behalf of the families of the survivors and those who died in and after the tragedy. They are being sued, not for faulty engineering, not for negligence or for incompetence, but of all things, for exposure of the public to toxic air. While the families of the loved ones who lost their lives or the survivors who are now suffering for any number of reasons are certainly entitled to compensation in some form, you may wonder what structural engineers have to do with air quality! Nothing. Yet the judicial system would not issue a summary judgment to throw out these frivolous lawsuits against the structural engineers. I am sure most engineering firms have at some point dealt with lawsuits, but the sheer magnitude of these lawsuits is astounding. There are over 2,200 lawsuits brought against each firm totaling billions of dollars. Enough to bankrupt them. Going to trial over these lawsuits was not an option, so they had to settle for no fault of theirs. One would have thought that the national Good Samaritan Act would have protected these volunteers from lawsuits. Unfortunately that was not the case as these engineers were not allowed to volunteer their time and were forced to accept compensation (at a rather meager rate) by FEMA which meant that the Good Samaritan law did not apply to them.

Today, here in the United States, we live in such a litigious society. People are afraid to do the

right things for the fear of being sued. Indeed, in the aftermath of these lawsuits, Joe recounted his experience where he had requested volunteers for rebuilding efforts after hurricane Katrina. In response to his appeal, only about 5 engineers volunteered from the state of New York. Engineers did not sign up to volunteer not because they did not want to, but out of fear of being sued for no fault of theirs. Is living in such a litigious society sustainable? It is my contention that such a litigious society, at the very least, slows or stifles innovation. We are always afraid to take risks, afraid to help each other, and afraid to innovate. Even in the line of work that I am involved with as plan reviewers, lawsuits are always at the back of our minds. When we come across a new innovative way of approaching a solution to a problem we tend to ask the question: If you are standing before a judge, can you stand up and successfully argue that the engineering was reasonable based on engineering judgment when it is not specifically prescribed in the code? I am not saying we have to throw public safety and caution to the wind, but I think people are afraid to use their judgment because the fear of lawsuits. Engineers are increasingly relying on prescribed methods, removing any judgment and intuition from the equation (which maybe is one of the reasons the codes are becoming so onerous). Engineering judgment is the bread and butter of our profession and a basic ingredient for any innovation. At this rate, the United States will be left behind in not too distant a future. The only winners in this scenario are the lawyers.

Joe and like-minded engineers are leading a national effort to pass a law that would provide protection from lawsuits against engineers who are working under duress, under tremendous pressure, and in emotionally charged emergency situations--like after an earthquake or 9-11 scenarios. This legislation would protect engineers not from incompetence or negligence but from frivolous issues that are not related to our profession. This seems to be a good start, but he is facing an uphill battle against a strong lobby of lawyers in congress. He deserves our support, and SEAO will provide any help required in this effort.

The talk was not all about lawsuits and doom and gloom, but was intertwined with some incredibly heartwarming stories of the human spirit that moved us all. It made for a very

(Continued on Page 5)

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JUNE LUNCH MEETING ANNOUNCEMENT

WEDNESDAY, JUNE 25, 2014

MEETING SPONSOR: DAILY JOURNAL OF COMMERCE

Topic: Edith Green/Wendell Wyatt Federal Building - Integrated Project Delivery, Co-Location, Collaboration of Team & Lessons Learned

Panelists:

Nate Ingraffea, Principal, KPFF Consulting Engineers. Nate joined KPFF Consulting Engineers in 2003 and was named a principal of the firm in 2013. Over the past decade, Nathan has worked on some of the largest building projects in the Pacific NW. He understands the risks clients take with large developments and calls upon his expertise to help mitigate their concerns. Nathan brings innovative thinking to every project, solving problems in a unique way. He enjoys the challenges of projects ranging from high-rise office towers to high-design museum and institutional projects. Nathan has served as an adjunct assistant professor at the UofO, and continues to educate and share with the building community.



Matthew Braun, Howard S. Wright (BBC) - Matthew has experience as a developer, consulting engineer, construction manager and general contractor. His broad experience from all "sides of the table" culminated with his experience in Integrated Project Delivery. He brings a vision and advocacy for teamwork, accountability, trust, and focus to resolve issues successfully. He understands complex project challenges, whether they are program-oriented, financial, or technical, and is able to find and motivate the experts to develop a solution. Matthew has presented at several technical conferences, seminars, and universities – including Stanford, Texas A&M, Lean Construction Institute National Congress, International Living Future Institute's Living Futures Conference, Portland State's Real State Graduate School - on IPD, Lean Construction, High Performance Green Buildings, and BIM-in-Construction.

Patrick Brunner, Project Executive and Contracting Officer for GSA's Northwest Arctic Region (10).

Pat's been a Federal Contracting Officer for 34 years including "tours" with the Air Force, DCAS, DCMA, Defense Commissary Agency and the EPA. Contracting assignments have ranged from small dollar supply orders (pencils) to billion dollar weapon systems. Pat recently finished GSA's Edith Green/Wendell Wyatt (EG-WW) Modernization. Pat's been Region 10's subject matter expert for "collaborative delivery" testing various forms on 4 major capital projects (Eugene Courthouse; Nakamura Courthouse Renovation; Peace Arch Border Station) to include a modified form of Integrated Delivery on the EGWW project.



See Page 4 for continued information on June's panelists

Location: Portland City Grill, 111 SW Fifth Avenue, 30th Floor, Portland, OR

Park in Parking Tower on SW 4th Avenue & SW Pine and bring your parking ticket to the meeting for validation for free parking.

Check-in & Buffet Lunch: 11:30 am

SEAO Announcements: 11:50 am

Panel Discussion: noon to 1:00 pm

Cost: Lunch and Program: \$32 — Prepaid Members, \$40 — Prepaid Non-Members
\$18 — Students

Reservations: Pre-registration is required. You can register and pay online at www.seao.org before noon, Friday, June 20. 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.

Videotaping: This month's presentation will be videotaped and will be available for purchase to view for those who are not able to attend. The cost for obtaining access to the video is \$16 for members and \$22 for non-members. Please contact Jane Ellsworth at (503)753-3075 or via Email: jane@seao.org to obtain a web link to view the video.

This month's meeting is proudly sponsored by the Daily Journal of Commerce. Reference Page 4 for additional information.

DJC Oregon
Oregon's Building Connections

JUNE MEETING ANNOUNCEMENT CONT.

Panelists (cont.)

Gauri Rajbaidya, Associate, Job Captain at SERA

Architects Gauri was responsible for the design coordination, documentation, and construction administration of all the exterior system. He was also instrumental in the development of the BIM Management Plan. Gauri has used his experience on the project as a tool to educate high school students through the ACE Mentorship Program. Gauri was named "Best in Class" by GSA for his work on EGWW. He has a Masters in Architecture from the University of Oregon and a Bachelor of Arts in Physics and Fine Arts from Earlham College. He has been with SERA since 2006. He is active in the community as Vice Chair of the Board of Directors and past Treasurer of the Asian and Pacific American Network of Oregon and is a Resource Council Member of Colored Pencils Arts Council promoting the diverse art and culture of Oregon.



Brett Cournoyer, PE, LEED AP BD+C, Project Manager, PAE Consulting Engineers

With 12 years of experience in the electrical design and construction industry, Brett has considerable insight into the entire process of a project. His experience in electrical contracting allows him to take a hands-on approach to electrical design. Brett's resume boasts multiple projects featuring renewable energy sources such as photovoltaics and site wind. Brett's passion for regenerative designs that function harmoniously with their natural surroundings gives him a unique perspective on building design.

Jonathan Gray, CPD Principal & Senior Plumbing Designer, Interface Engineering

Since joining the firm in 1990, he has been a strong advocate for water conservation and sustainable plumbing systems design. Jon was an active member of the Oregon State Plumbing Board for the past eight years, and served as the Chair from 2009 - 2013. He has spoken about water issues at several regional and national conferences, including the recent *Building a Secure & Sustainable Water Future for Hawai'i* at the 2014 University of Hawai'i Ascent Conference, and two programs for Cascadia Living Future's 2012 Conference.



This month's meeting is proudly sponsored by:



DJC provides subscribing professionals with the critical news, business leads, and analysis they need to succeed in Oregon's architecture, engineering, and construction industries. Focused coverage from project concept to completion, insightful analysis, plus bid and RFP leads, help DJC subscribers make successful connections to build their business. For more information about DJC (or to subscribe), please call 1-800-451-9998 or visit DJCOregon.com.

YOUNG MEMBER FORUM ACTIVITIES

By: Phil Davis & Seth Thomas

Upcoming YMF Events:

Thursday, June 19th – Happy Hour — Location: Basecamp Brewing, 930 SE Oak Street, Portland, OR—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.

Friday, July 11th – YMF Lunch Meeting — KPFF Consulting Engineers, 111 SW Fifth Avenue, 26th Floor Conference Room—noon to 1:00 pm. Join us for our bi-monthly lunch meeting to discuss future events and activities. This is a great way to get involved in SEAO.

Thursday, August 7th—YMF Summer Picnic — Laurelhurst Park, Site D, 3601 SE Oak Street, Portland, OR—4:00 to 8:00 pm. Join us for our first ever YMF picnic. Cost is free for YMF members. Spouses, significant others, and kids are welcome to attend for \$5 per person. RSVP to Seth Thomas (setht@wrkengrs.com). Stay tuned for more information.

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

SNOW COMMITTEE NEWS

The Snow Load Committee has submitted the recommended code change for the new Oregon Snow Load Design Manual to the State of Oregon Building Codes Division (BCD) as an alternate materials and method to the 2012 IBC. The Snow Load Committee is waiting for the BCD to set up a meeting to present the Committee's findings and finalize the process.

The new Oregon Snow Load Design Manual has been printed and is available for purchase. Visit the SEAO website at www.seao.org/publications/snowload/ for information on how to order or contact

Jane Ellsworth at jane@seao.org. The design ground snow load map is also available online on the SEAO website at <http://snowload.seao.org/lookup.html>.



FISH TRIP RAFFLE

For every SEAO event that you have attended this fiscal year, you have been entered a chance to win a trip to FishCamp for two days of fishing on the Rogue River in Southern Oregon. FishCamp is located along the banks of one of the most scenic rivers in the State, just outside the town of Shady Cove. Accommodations, meals, gear and guide are all provided. No previous fishing experience is required. Your guide will teach you the proper methods for catching a fish on the Rogue. The drawing for the trip will occur during the June meeting. Attendance is not required, but we do encourage you to join us. This trip has been donated by Mike Bair of Trus Joist/Weyerhaeuser (a fellow SEAO member and current SEAO Board Director). Attend the June meeting and have one last chance to win.



SEISMIC EVENTS

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

Tuesday June 17, 2014, 8:30 – 10:00 AM PST. [Design of Masonry Shear Walls.](#)

[AISC Webinars \(www.aisc.org\)](http://www.aisc.org)

Thursday June 19, 2014, 10:30 AM PST. [Seismic Load Paths for Steel Buildings.](#)

[Seismic Subcommittee](#)

The subcommittee is planning to meet in July. If you are interested in attending please email Chad Kilian by email (KilianC@bv.com) or by phone (503-443-6213) for further information.

PRESIDENT'S MESSAGE (CONT. FROM PAGE 2)

interesting and stimulating evening. If you would like to watch the entire presentation, a video of the presentation is available. Please contact Jane Ellsworth at jane@seao.org.

Shifting gears, I want to remind our membership that very shortly you will be receiving ballots to elect members to the SEAO board for the year 2014-2015. This year the election will be conducted via electronic ballot only. I am very excited about this change and very hopeful that it will encourage a wider participation. In the past, participation in the election process has been rather disappointing. The Board this year felt that it would be wise to invest in a process that would make the election process easier, quicker, and more efficient with the aim of increasing member participation. I certainly hope you will not disappoint our expectations. Please take a few minutes out of your busy schedule and cast your votes. Thank you in advance for your participation. If you have questions or issues with your logins or passwords etc that hinder your participation, do not hesitate to contact any Board member or Jane at jane@seao.org.

Thank you Jennifer Eggers, Dominic Matteri, Gary Lewis, Mark Butler, CJ Marquardt, Jim Riemenschneider, Ugo Costa, Michelle Chavez, and Chemelle Stark for agreeing to run for the various positions on the SEAO Board. We appreciate your spirit of volunteerism.

Finally, I would like to remind you that we have one final monthly meeting of the SEAO membership scheduled for June 25th before we take a short break for the summer. The meeting is at the Portland Grill over lunch. We have changed the format of this meeting. We are going to be having a panel discussion on integrated project delivery and coordination of various disciplines in the construction of a project from concept to construction, focusing on the Edith Green Federal Building and lessons learned from this experience. This should be a fascinating topic, so I hope to meet a lot of you at the meeting. Also a quick reminder that this is your last chance to enter into the drawing for the guided fishing trip on the Rogue River in October of this year. We will be drawing the names of the lucky winners at this meeting. So be present and increase your chances of winning.

Hope all of you have a great fun filled summer with your families. We will be back again in September with a new Board and more interesting presentations, seminars, and other activities. We appreciate your participation and involvement in SEAO.

NCSEA YOUNG MEMBER SUPPORT COMMITTEE NEWS

The NCSEA Young Member Support Committee wants to make sure you are aware of the scholarship opportunities being offered by NCSEA for young members to attend the 2014 Annual Conference. See below for more information. **Applications are due July 11.**

In addition to the scholarships, NCSEA is offering a reduced registration fee of \$250 for Young Members.

We look forward to seeing you in New Orleans.



Join NCSEA in New Orleans

Scholarships available for Young Members!

NCSEA will again be offering scholarships to the 2014 NCSEA Structural Engineering Summit, September 17-20 in New Orleans. The application deadline is July 11.



The scholarships are available to young engineers who are under 36 years of age and a current member of an NCSEA Member Organization. This year, there will be two levels of scholarships offered:

Option One

is open to all new scholarship applicants. The scholarship covers registration to the Summit, which includes 3 breakfasts, 2 lunches, 2 receptions, refreshment breaks, trade show access, all educational sessions, and the NCSEA Awards Banquet, as well as a \$500 stipend that may be used toward transportation and hotel costs.

Option Two

is open to those who have previously been awarded an NCSEA Young Member Scholarship. The scholarship covers registration to the conference, which includes 3 breakfasts, 2 lunches, 2 receptions, refreshment breaks, trade show access, all educational sessions, and the NCSEA Awards Banquet.

The Summit will also offer the following features for Young Members:

- > Special Young Member registration rate of \$250.
- > An evening mixer on Wednesday, September 17.
- > Resource Sheets providing topic background information on Summit presentations, for post-conference education.
- > A LinkedIn forum for Young Member attendees, for post-Summit discussions and networking.

More details on the scholarships, and an application, can be found [here](#)



NCSEA

National Council of Structural Engineers Associations

SEA NW CONFERENCE SEPTEMBER 18TH-20TH, 2014

Connecting Cities :: Structures :: People

SEAW is working to finalize the events for the upcoming **North-west Conference** that is to be held in **downtown Seattle** on **September 18-20** (Thur-Sat), please mark your calendars to save the date for this important event.



The conference will include a wide range of technical topics and will also present social opportunities for spouses/significant others to explore Seattle. The Downtown venue is easily reached from the airport on the light rail. SEAW looks forward to this opportunity to meet and share with our SEA colleagues in the Pacific Northwest.

Visit www.SEAW.org for additional information.

OREGON CODE NEWS

STATE OF OREGON OSSC 2014 ADOPTION: The date for adoption of the 2014 OSSC has been modified to July 1, 2014. The State of Oregon Building Codes Division will allow at least a three-month transition period for implementation of the new code from July 1 to September 30, 2014. During the transition period an applicant has the option to submit for permit a structure that is designed either to the OSSC 2010 **OR** the new OSSC 2014. The structure must be designed completely to one or the other code. The applicant shall not mix and match the two codes. For instance, the OSSC 2014 code for life safety cannot be mixed with the OSSC 2010 for structural design. If you are submitting for permit after September 30th, only the OSSC 2014 shall be used.

CAST YOUR BALLOTS

SEAO is now setting up electronic voting for the upcoming 2014-2015 Board of Directors.

You will receive an email stating that voting has opened and ask you to login to the SEAO website and vote.

Voting will be available from June 18th until June 30th.

Questions please email Jane@seao.org with questions/comments.

NCSEA CALL FOR VOLUNTEERS



NCSEA

National Council of Structural Engineers Associations

NCSEA needs your skills, expertise and energy to further its mission to advance the practice of structural engineering and protect the public's right to safe, sustainable and cost effective buildings, bridges and other structures.

From its inception, volunteers have been vital to the success of NCSEA. If you are ready to become an energetic volunteer for NCSEA, submit your application today for a position on an NCSEA standing committee. **The application deadline is July 1.** New committee members will be notified at the beginning of August. [Apply online](#) with our email-friendly form.

Thank you!

Quick Links

[NCSEA Homepage](#)

[NCSEA Volunteer application](#)

EMPLOYMENT OPPORTUNITIES

WDY, INC.

We currently offer position for a structural project engineer. Successful candidate is self-motivated and confident in engineering abilities. Opportunity to work on a wide range of projects, including: multi-story, mixed-use, residential, office, and retail buildings. Candidate will be exposed to a variety of duties, including: computer modeling, lateral and gravity design, construction administration, and project team support. We encourage creative thinking and innovative problem solving.

Minimum qualifications:

- BSCE or MSCE
- 3-5 years experience in structural design of steel, concrete, wood, and masonry buildings
- PE registration preferred
- Software experience with AutoCAD, SAP, RAM, Microsoft Word and Excel

WDY is an established structural and civil consulting firm located in Portland, Oregon. We offer competitive compensation and benefits, including:

- Major medical / disability insurance
- Vacation and sick leave
- Retirement savings plan (Simple IRA)
- Professional development program

For more information visit our website at: www.wdyi.com. **Contact: Danielle Kluge**, Lead Technical Researcher DKluge@ITSTechnologies.com
| Desk: 419-842-2129 | Toll-Free: 800-432-6607 x220

WoodWorks, Wood Product Council

WoodWorks is seeking Structural Engineers—Technical Advisors for 3 positions: Texas, Florida, or New England 2 - 5 years of experience

Are you looking for a unique way of using your structural engineering background?

- Do you like working with people and solving problems?
- Are you tired of the “grind” of engineering design and all the crazy deadlines?
- Do you have 2-5 years of designing building structures with some experience designing in wood?
- Do you enjoy giving presentations?
- Would you enjoy working from a home based office?

To find out more about Woodworks and these positions, please visit www.woodworks.org and click on “About Woodworks - Careers”

SIMPSON STRONG-TIE

POSITION: Structural/Civil Engineer

FOR: Pacific Northwest Office – Kent, WA

Simpson Strong-Tie is currently seeking a Structural/Civil Engineer based full time in Kent, WA.

Job Description:

- Provide engineering and application support for all Simpson products to internal and external customers and provide technical presentations.
- Provide design services for custom hangers, Strong[®] Frame Moment Frames and Anchor Tie-Down System.
- Develop and review technical literature and participate in engineering committees.
- Some overnight travel is required

Qualifications:

- Licensed Professional Civil or Structural Engineer.
- Familiarity with Simpson Strong-Tie products and the building industry.
- Enthusiastic attitude and ability to work well with others.

Person to Contact:

Send your resume to: Louay Shamroukh, S.E., Branch Engineering Manager.

Mail: Simpson Strong-Tie Company Inc., 5151 South Airport Way, Stockton, CA 95206

Email: Lshamroukh@strongtie.com

PACE Engineers, Inc.

Pace Engineers is looking for energetic and career-minded candidates to join our structural team who have a PE license plus 10-years' experience and who also have their SE license. Competence with Microsoft Office, RISA 3D, RAM Steel, and FEA modeling is required. Professional communications with clients and effective coordination skills with colleagues and multi-disciplinary design teams is essential. Strong writing skills are necessary. A spirit of ownership in one's work and the commitment to technically correct work is also required. Project work includes a broad mix of types in various market sectors, including: public works, industrial (high-tech & general), ports, architectural, commercial, institutional, and contractor and vendor services. For more information about this Portland-area employment opportunity, please visit our web site at www.paceengrs.com.

ASCE 41-13 AVAILABLE

It's available!

ASCE 41-13: Seismic Evaluation and Retrofit of Existing Buildings is now available for order.

Seismic Evaluation and Retrofit of Existing Buildings describes deficiency-based and systematic procedures that use performance-based principles to evaluate and retrofit existing buildings to withstand the effects of earthquakes. This next-generation standard combines the evaluation and retrofit process and puts forth a three-tiered process for seismic evaluation according to a range of building performance levels—from collapse prevention to operational—that marry targeted structural performance with the performance of nonstructural elements. The deficiency-based procedures allow the evaluation and retrofit effort to focus on specific potential deficiencies deemed, on the basis of past earthquake observations, to be of concern for a permissible set of building types and heights. The systematic procedure, applicable to any building, sets forth a methodology to evaluate the entire building in a rigorous manner.

Analysis procedures and acceptance criteria are established and requirements put forth for foundations and geologic site hazards; components made of steel, concrete, masonry, wood, and cold-formed steel; architectural mechanical and electrical components and systems; and seismic isolation and energy dissipation systems. In addition, screening checklists are provided for a variety of building types and seismicity levels in support of the Tier 1 process.

This standard updates and replaces the previous Standard ASCE/SEI 41-06, *Seismic Rehabilitation of Existing Buildings*, as well as Standard ASCE/SEI 31-03, *Seismic Evaluation of Existing Buildings*.

[Order online](#) through S.K. Ghosh Associates, Inc or through the ASCE [website](#).

NCSEA SPECIAL AWARDS

At the NCSEA Annual Conference each year, special awards are given to NCSEA members who have provided outstanding service and commitment to the association and to the structural engineering field. These include the NCSEA Service Award, the Robert Cornforth Award, and the Susan M. Frey NSCEA Educator Award.

The Susan M. Frey NSCEA Educator Award was created last year in memory of Sue Frey, an active SEAO member and one of NCSEA's finest instructors, who past away in May, 2013. Sue Frey was posthumously recognized as the inaugural honoree last year. The award is presented to an individual who has a genuine interest in, and extraordinary talent for, effective instruction for practicing structural engineers. Subsequent winners of this award will present a special webinar to NCSEA members at a deeply discounted cost, as a continuing legacy to Sue Frey.

Visit the website below for more specific information on each award. <http://www.ncsea.com/awards/specialawards/>

Nominations are accepted for these awards in the months prior to the NCSEA Structural Engineering Summit. However, awards are based on worthy recipients and may not be awarded each year.

If you know of someone who is active in SEAO or NCSEA that might qualify for nomination by the SEAO Board, please contact jane@seao.org or any of the Board members via email addresses listed on Page 2 of this newsletter.

The deadline date for nominations is July 11, 2014, so please contact SEAO before the end of June.

2014 SEAO / OACI GOLF TOURNAMENT



JULY 23RD, 2014
Pumpkin Ridge Golf Club
1:00 PM - SHOTGUN START!

EVENT DETAILS:

The S.E.A.O. and O.A.C.I. have joined together to hold another day of golf, fun and prizes for 2014! The biggest change this year? Location. We will be heading to the beautiful, **award winning course and facilities of the Pumpkin Ridge Golf Club!**

Only 20 miles West of Portland, OR, the Pumpkin Ridge Golf Club contains two championship courses, both beautifully etched into the landscape by renowned golf course architect Bob Cupp. The course we'll be playing on, **Ghost Creek, is a par-71, 6,839-yard classic course**, carefully carved through the natural and beautiful Portland wetlands, framed by lush stands of trees, and with dramatic mountain vistas.

We will have a shotgun start at 1:00PM, allowing us to all finish at the same time to share stories of the day's glory and despair, along with dinner, beverage and many prizes. We hope that you will come join us and support both organizations.

The course also offers a 17-acre practice facility to hone your skills prior to the tournament so come early. Power carts and range balls are included in the golf fee.

WHEN:

DATE: Wednesday, July 23rd
SHOTGUN START: 1:00PM
SOCIAL HOUR: 6:00PM
DINNER & AWARDS: 6:30-7:30PM

TOURNAMENT:

4-Person Scrambles

CONTACT:

Jane Ellsworth
ph: (503) 753-3075
em: jane@seao.org

Don't forget to bring money for the raffle prizes and string! This year's raffle prizes will be:

- 42" TV
- iPad Mini
- Nike Wedge
- Ocean Salmon Fishing Trip for 2
- Ocean Halibut Fishing Trip for 2
- Power Washer
- Gift Cards
- Much more!

WHERE:

PUMPKIN RIDGE GOLF COURSE
12930 NW Old Pumpkin Ridge Rd
North Plains, OR 97133
Phone: (503) 647-4747

DINNER:

Dinner Will Be Served

FEES:

Golf & Dinner: \$110/person
(Includes golf cart & driving range)
SEAO Young Members Forum: \$85
5' String \$20
Mulligan: \$5/ea
String & 5 Mulligans: \$35

Appropriate "Country Club" attire is required:

- Collared Shirts
- No Denim
- Shorts must have a 6" inseam
- Soft spikes only

NO REFUNDS FOR CANCELLATIONS AFTER JUNE 27TH

**PLEASE RETURN
THIS ENTRY FORM
BY JUNE 27th TO:**

S.E.A.O.

9220 SW Barbur Blvd. #119
PMB #336
Portland, OR 97219
(503) 753-3075 Phone
(503) 214-8142 Fax

☐ Check Enclosed

☐ VISA / ☐ MasterCard / ☐ AMEX Accepted

Total \$ _____

Name On Card: _____ Card #: _____ Exp. Date: _____

Contact Number: _____ Billing Zip Code: _____ 3-Digit Code On Back Of Card: _____

Player Names	Green Fees	Membership	Payment Enclosed
	<input type="checkbox"/> Golf & Dinner - \$110	<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	\$ _____
	<input type="checkbox"/> Golf & Dinner - \$110	<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	\$ _____
	<input type="checkbox"/> Golf & Dinner - \$110	<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	\$ _____
	<input type="checkbox"/> Golf & Dinner - \$110	<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	\$ _____
String & Mulligan Add-Ons (1 Mulligan = 1 Shot Per Person)			
<input type="checkbox"/> 5' String - \$20 (Limit 5' Per Foursome) _____ Qty			\$ _____
<input type="checkbox"/> Mulligans - \$5 ea (Limit 5 Per Foursome) _____ Qty			
<input type="checkbox"/> 5' String & 5 Mulligans - \$35 (Limit 1 Per Foursome) _____ Qty			

2014

SEAO / OACI

GOLF TOURNAMENT



JULY 23RD, 2014
Pumpkin Ridge Golf Club

Contact Info:

Jane Ellsworth
(503) 753-3075

oaci@comcast.net

Donation / Hole Sponsor Form

Sponsor Information:

Company Name: _____

Contact Name: _____

Phone: _____ Fax: _____

Email: _____

HOLE SPONSORSHIP

☐ **GOLD** - \$200 for flag at the hole and recognition on banner at dinner.
Hole Preference _____

☐ **SILVER** - \$150 for tee sign stationed driving range before golf and recognition on banner at dinner.

☐ **BRONZE** - \$125 recognition on banner at dinner.

RAFFLE PRIZES

☐ 42" TV | \$600

☐ iPad Mini | \$500

☐ Gift Cards | \$50 & \$100

☐ Ocean Salmon Fishing Trip for 2 | \$250

☐ Ocean Halibut Fishing Trip for 2 | \$400

☐ El Gaucho Gift Card | \$150

☐ Ringside Restaurant | \$150

☐ Nike Wedge | \$100

☐ Power Washer | \$500

SPECIAL SPONSORSHIP

☐ **LD/KP/Long Putt Hole Sponsor**
\$150
Hole Preference _____

☐ **On Course Drink Refreshment Sponsor**
\$375
(Host drink cart for one beverage per participant to be redeemed during play)

☐ **19th Hole Sponsor**
\$250
(Host keg of Micro-brew)

☐ **Golf Cart Sponsor**
\$200
(Host the golf carts with a sign in each cart with your company name)

☐ **Scorecard Sponsor**
\$200
(Host the scorecards with the name of your company on each card)

Please Return This Form A.S.A.P. to:

S.E.A.O.

9220 SW Barbur Blvd., Suite #119, PMB #336
Portland, OR 97219

Fax: (503) 214-8142