



Newsletter of the  
Structural Engineers  
Association of Oregon

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SEAO has a LinkedIn account and can be followed at <https://www.linkedin.com/company/structural-engineers-association-of-oregon>.

## Upcoming SEAO Meetings and Events:

### Friday, March 26, 2021: NCSEA Call for Abstracts Deadline for the 2021 Structural Engineering Summit

NCSEA is seeking abstracts for this year’s Engineering Summit. The goal is to host the event both in-person in New York, New York on October 13-15, 2021, and virtually through the month of October.

Visit: <http://www.ncsea.com/events/annualconference/abstracts/> for more information.

### Sunday, March 28—Thursday, April 1, 2021: ACI Virtual Concrete Convention

Location: Virtual

Cost: \$99 Member; \$179 Non-member; Students Free for ACI Student Members

Featured Sessions:

- Legal Issues in Concrete Construction—Lessons Learned
- The Concrete Industry in the Era of Artificial Intelligence
- Adjusting Workability of Successful 3-D Concrete Printing
- Impact of Hot Weather Conditions on Concrete Repair
- And Many More

Registration is open. Visit <https://www.concrete.org/events/conventions/currentconvention.aspx> for more information and to register.

### Thursday, April 22, 2021: SEAO Virtual Trivia Night & Fundraiser for SEAO Scholarship Foundation

Time: Cocktails at 5:30 pm

Trivia Starts at 6:00 pm

Registration will open to membership in early April.

Cost: \$100 per team (5 person maximum) or \$20 for Individual

See page 3 for more information and visit SEAO website at <https://www.seao.org/> to register.

### Wednesday, April 28, 2021: SEAO Virtual Lunchtime Chapter Meeting

Topic: The Portland Building Seismic Renovation & Modernization—SEAO 2020 Award Winner for the Renovation/Retrofit Category

Speaker: Erik Kabusreiter

Time: 11:45 am—Networking/Social

Noon — Program Begins

Registration will open to membership in early April.

Cost: \$25 Member, \$35 Non-member, \$10 Affiliate Member

PDH: 1 Hour (no credit to Affiliate Member)

More information will follow in April’s newsletter.

### Wednesday, July 28, 2021: SEAO/OACI Golf Tournament

Location: The Reserve Vineyards & Golf Club, 4805 SW 229th Avenue, Aloha, OR

Shotgun Start: 1:00 pm; Social Hour 6:00 pm; Dinner & Awards 6:30-7:30 pm

See pages 4, 8 & 9 for additional information.

**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.

Send membership inquiries to:  
9220 SW Barbur Blvd.  
No. 119  
PMB #336  
Portland, OR 97219

## PRESIDENT'S MESSAGE

BY: *DUSTY ANDREWS*



SEAO Members,

March Madness is upon us again. I cannot believe it has been a year since I was going to work from home for a couple of weeks as this bug blew over. Well, I am filling out my bracket again this year (and pretty excited to see the Beavers on there), and I am happy to see that we are starting to plan events that are not in front of a screen. Preparations for the SEAO golf tournament are well under way for July. If you have not signed up yet, I would imagine they will go quickly as people try to shed the cabin fever. With that said, I am also thankful for all that have adapted over the last year. From online speaker meetings, seminars and a successful Award Show, this group has persevered. Thank you to everyone that has supported the organization.

SEAO has continued to support young budding engineers through the scholarships provided by the SEAO Scholarship Foundation. One of the prime sources of funding for these awards are by member donations at the SEAO Tradeshow. Unfortunately, due to the COVID pandemic, SEAO has not been able to have the tradeshow in 2020 or 2021. The tradeshow has always been a great way for members to learn about new products, connect with vendors in our field, visit with colleagues, and most importantly, support a good cause. We typically raise \$7,000 to \$12,000 each year. Looking at 2 years without a fundraising event, the board ask the SEAO Young Members Forum for some help. I am excited to announce that they have responded! They created an experience that will be fun and bring the engineering community together for a night of trivia. Firms will be able to sign up team or individuals to compete. All the registration donations will be collected through the Scholarship Foundation, so they will be considered tax deductible. This is your chance to claim the "smartest engineers in town." Be on the lookout for the information and support this great cause.

Its also that time of year to start thinking about elections to the SEAO Board. Being on the board is a great way to give back to the profession. Offices up for election are President, Vice President, Secretary, Treasurer and Director. If you are interested, or know someone who might be, please let us know. If you want to know more about the positions, feel free to contact the current board members for more information on what the position entails. The email addresses for those individuals are on the website. I have found being on the board rewarding and a great way to get to know everyone better. I would recommend the experience to anyone.

Enjoy the moment,

Dusty

### BOARD OF DIRECTORS

**President**  
*Dusty Andrews*  
Knife River Prestress  
Ph: 541.995.6327  
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*David Linton*  
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dlinton@mcknze.com

**Secretary**  
*Alexandra Stroud*  
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**Treasurer**  
*Mike Daily*  
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Ph: 503.885.8605 ext. 404  
miked@lvvi.com

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*Steve Trautwein*  
Jacobs Engineering Group  
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Steve.Trautwein@jacobs.com

**Executive Secretary**  
*Jane Ellsworth*  
SEAO Staff  
Ph: 503.753.3075  
jane@seao.org

## SEAO COMMITTEES

### CODE ADVISORY COMMITTEE

Seismic

*Reid Zimmerman*

reid.zimmerman@kpff.com

Wind

*OPEN CHAIR*

Snow Load

*Andy Stember*

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Code

*Eric Watson*

eric@miller-se.com

Vintage Building

*Jennifer Eggers*

jennifer.eggers@holmesstructures.com

Special Inspections

*Eric Watson*

eric@miller-se.com

Mass Timber

*Eric McDonnell*

Eric.McDonnell@holmesstructures.com

### STRUCTURAL ENGINEERS

#### EMERGENCY RESPONSE (SEER)

*David Tarries*

David.tarries@portlandoregon.gov

#### PROGRAM COMMITTEE

Monthly Meetings

*Norm Faris*

norm.faris@valarengineering.com

Awards

*Brynn Adkins*

badkins@tmrippey.com

Golf Tournament

*Stephen Stenberg*

steez07@yahoo.com

Conferences

*Kevin McCormick*

kevin@miller-se.com

#### ADVOCACY COMMITTEE

Website

*Seth Thomas*

seth.thomas@kpff.com

Engineers Week

*Michelle Juarez*

michelle@miller-se.com

Young Member Forum

*Sarah Johnson*

sarah@mstructural.com &

*Nisarg Mehta*

nmehta@dc-engineers.com

#### CONTINUING EDUCATION

##### COMMITTEE

Seminars

*Andy Stember*

andy@jasenginc.com

#### MEMBERSHIP COMMITTEE

Newsletter

*JoMarie Farrell*

jomarie@equilibriumllc.com

Roster

*Jane Ellsworth*

jane@seao.org

#### DELEGATES

NCSEA & WCSEA/NWC

*Amit Kumar*

amit.kumar@portlandoregon.com

*David Linton (Alternate)*

dlinton@mcknze.com

## SEAO VIRTUAL TRIVIA NIGHT THURSDAY, APRIL 22, 2021

ENJOY COMPETITION, NETWORKING, AND TONS OF VIRTUAL FUN!!

Help SEAO raise money for the SEAO Scholarship Foundation by joining us on April 22, 2021, for a fun structural engineering themed trivia night.

Time: Cocktails at 5:30 pm  
Trivia Starts at 6:00 pm

Make your own teams (5 people maximum) or sign-up as an individual and get mixed into your own team. The registration fee is a minimum donation of \$20 for an individual and \$100 for a team. For an additional \$50 you can sponsor a student on your team and have an extra brain to help you win!

Donations are tax deductible and will help support future structural engineers and their education.

Please email or call Jane Ellsworth at jane@seao.org or (503)753-3075 to make a donation. Once your payment has been confirmed with SEAO, the individual or team captain will receive a confirmation email with a link to the Zoom event.

Visit the SEAO website <https://www.seao.org/events/apr2021/trivia-night> for more information.



## SEER UPDATE: DOGAMI PETITION



Last month Yumei Wang of the Geological Society of Oregon created a petition online for those opposed to budget cuts to the Oregon Department of Geology and Mineral Industries (DOGAMI). Last month SEAO included a link to the change.org website where members could sign the petition for the state legislature to continue to fund this valuable resource. On March 20, 2021, Yumei Wang posted that DOGAMI has been saved and a hearty thanks to all of the engineering community for the support.

Over the last two months, many elected officials heard about the value to all Oregonians and on March 20 voted to preserve DOGAMI as an independent scientific agency. Oregonians will continue to have access to unbiased scientific information.

## YMF UPDATE WEDNESDAY, JULY 28, 2021



The Reserve Vineyards & Golf Course (North Course)  
4805 SW 229th Avenue, Aloha, OR

**Shotgun Start: 1 pm**  
**Social Hour: 6 pm**  
**Dinner & Awards: 6:30-7:30 pm**

Once again, SEAO and OACI combine forces for a return engagement of golf and merriment at The Reserve in Aloha! The tournament will be on the North Course—an expansive, open-air course that captures a lot of Oregon’s low-land landscapes, including the rolling hills of the valleys and grassy coastal dunes. Participants will all enjoy the team spirit of playing a 4-person scramble.

We will have a shotgun start at 1:00 pm, 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.

The course offers a driving range to hone your skills prior to the tournament--so come early. Power carts and driving range are included in the golf fee. There is also a \$20,000 hole-in-one prize available. See attached flyers on pages 8 and 9 for registration for golf and sponsorships.

Come join us for a festive and fun day of golf.

### NEW MEMBERS

Welcome to our new Members!

Kristofer Tonning—ZCS Engineering  
Thomas Kay —Mackenzie Engineering

## WELCOME TO SEAO!

### ASK A QUESTION, GET AN ANSWER

Do you have a code question you would like to ask the Wind Committee or Snow Committee? SEAO is pleased to announce a simple way for Q&A’s with technical committees. Email questions to [jane@seao.org](mailto:jane@seao.org), and SEAO will direct your question to the appropriate committee chair for a response. Questions and their answers will be made anonymous and available to the membership on the website [www.seao.org](http://www.seao.org). Committees include: Seismic, Wind, Snow, Code, Vintage Building, and Special Inspections.

## YMF UPDATE BY: NISARG MEHTA

YMF met in February for virtual happy hour right after the “Snowpocalypse” of February. The conversations ranged from seeing skiers on the roads and having a busy work week retrofitting all those roof truss failures, to all the fun snow stories growing up. Below is a picture from February’s event.



The group also met virtually on March 18th to celebrate the welcome of upcoming first day of spring. It was the perfect excuse to steal some fun, play some games , and debate Daylight Savings Time.

The next YMF Happy Hour will be on April 15, 2021. If you are on the YMF email list, look for emails in your inboxes for your invites. If you want to be added to the YMF email list, please contact Nisarg Mehta at [nmehta@dci-engineers.com](mailto:nmehta@dci-engineers.com) or Sarah Johnson at [sarah@mstructural.com](mailto:sarah@mstructural.com). By signing up, you will not be missing any of our YMF events.

YMF members can also just click on the following link to join the party:

<https://us02web.zoom.us/j/81487833641?pwd=QWFld1ZuWDBFQ0tKbmk3Q1JTZThGZz09>

Meeting ID: 814 8783 3641

Passcode: 193550

We welcome all Young Members of SEAO to participate.

# EMPLOYMENT OPPORTUNITIES

## KURT FISCHER STRUCTURAL ENGINEERING

Structural Engineer  
Portland, OR

Kurt Fischer Structural Engineering ([www.kfseng.com](http://www.kfseng.com)) is looking for entry level or experienced structural engineers to join our new and expanding Portland office. KFSE provides innovative and creative solutions for the built environment. We are looking for passionate and ambitious structural engineers to join our versatile, progressive, and experienced firm. Current projects include: historic non-ductile concrete and URM seismic rehabilitation, mid-rise office buildings, residential apartment and mixed-use complexes, luxury residential, and a mid-rise luxury hotel. We highly value our employees and strive to foster a positive and energetic work environment by providing engineers with the tools, resources, and mentoring to further their knowledge and career. There is ample opportunity for upward mobility within our firm, and we invite you to talk with us about exciting opportunities at KFSE. Contact: [LT@kfseng.com](mailto:LT@kfseng.com)

## HOLMES STRUCTURES

Structural Fire Engineers  
San Francisco and Los Angeles, CA, & Seattle, WA

We are seeking Structural Fire Engineers of all levels for our San Francisco, Los Angeles, and Seattle offices!

Holmes Fire is a fire engineering consultancy firm with unrivaled talent, advancing fire safety design through a collaborative approach. Our in-house expertise enables us the flexibility to offer comprehensive fire safety engineering solutions, enhancing the functionality of design whilst always prioritizing occupant safety. As part of the international Holmes Group, we service projects throughout Australia, the US, and New Zealand. We have a reputation for technical excellence. We provide an approach that encourages performance-based solutions to deliver innovation, design flexibility, greater value and compliance as an alternative to prescriptive building codes.

Our team strives to provide the highest level of professional service and success for our clients, building meaningful relationships along the way.

Interested in joining us? Send your resume with cover letter to [hr@holmesstructures.com](mailto:hr@holmesstructures.com).

## GRUMMEL ENGINEERING

Structural Engineer  
Portland, OR

Grummel Engineering LLC ([www.grummelengineering.com](http://www.grummelengineering.com)) is seeking a Structural Engineer with 4 to 8 years of experience. Candidates should have a B.S (M.S. preferred) in Civil Engineering, with an emphasis in structures. Candidates must possess a valid PE license or be working toward licensure.

Engineers with a thorough knowledge of current codes and an interest in participating in all steps of a project, including client relations, site visits, fee estimating, schematic, construction and permit documentation and analysis, construction support and more, are encouraged to apply.

We care deeply about the quality of product we produce, but we care even more about the people that create those products. Our philosophy encourages engaged working hours to give us the flexibility to enjoy our lives outside of work.

Contact [eric@grummelengineering.com](mailto:eric@grummelengineering.com) via email for more information or to apply.

## HOLMES STRUCTURES

Structural Engineer  
Portland, OR and Seattle, WA

We are seeking engineers of all levels. We're an energetic group of creative and savvy structural engineers. We believe a welcoming workplace fostering collaboration and initiative brings out your best.

Holmes Structures ([www.linkedin.com/company/holmes-structures/](http://www.linkedin.com/company/holmes-structures/)) is a structural engineering firm working throughout the West Coast. We are part of the international Holmes Group ([www.linkedin.com/company/holmesgroup/](http://www.linkedin.com/company/holmesgroup/)), with offices around the Pacific Rim. Together we ask great questions, do great thinking, and ultimately produce great work.

Interested in joining us? Send your resume with cover letter to [hr@holmesstructures.com](mailto:hr@holmesstructures.com).

*(Continued on Page 7)*

## EMPLOYMENT OPPORTUNITIES (CONT.)

### MD STRUCTURAL ENGINEERING

Structural Engineer

Vancouver, WA

**MD Structural Engineering, Inc.** is an expanding structural engineering firm, located in downtown Vancouver, Washington. Our office provides designs for a wide range of projects, including multi-family, large single-family residential, office/retail, curtain wall system, and earth retaining structures.

MDS prides itself on customer service and providing cost effective and elegant solutions for all projects. We are currently seeking an enthusiastic professional engineer who is passionate about structural engineering and continued growth in the field. The ideal candidate would be someone who possesses:

- PE licensure in OR or WA with aspirations of attaining SE licensure
- Practical experience designing projects using wood, steel, concrete, and other construction materials in combination with current building codes
- A thorough understanding and practical design experience with both gravity and lateral loads systems in all structures
- Effective communication and customer service skills
- Experience with AutoCAD and other industry design software.
- Experience designing aluminum storefront & curtain wall systems

Please send resumes to: [noot@mdstructural.com](mailto:noot@mdstructural.com)

# 2021 SEAO / OACI GOLF TOURNAMENT



**JULY 28<sup>TH</sup>, 2021**  
**The Reserve**  
**Vineyards & Golf Course**  
**1:00 PM - SHOTGUN START!**

## EVENT DETAILS:

The S.E.A.O. and O.A.C.I. are hosting our annual golf tournament at the Reserve in Aloha Oregon so sign up now to reserve a spot this year at one of the best non-pro golf tournaments around at one of the best courses in Oregon. We'll be returning to the the Reserve's North course, designed by the award-winning Bob Cupp. The Reserve's North Course is a more expansive, open air course that captures a much of Oregon's low land vistas, rolling hills and green valleys, and even the coastal dunes. Measuring up to 6,845 yards, this par-72 course is an excellent location for the tournament and our players.

Per usual, we will have a shotgun start at 1pm, and capping the evening with dinner, beverages, and various exciting prizes for participants and their teams.

We look forward to seeing everyone come out again for our annual golf tournament!

## WHEN:

DATE: Wednesday, July 28<sup>th</sup>  
 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

**Appropriate "Country Club" attire is required:**

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

**NO REFUNDS FOR CANCELLATIONS AFTER JULY 7<sup>th</sup>**

## WHERE:

The Reserve (North Course)

4805 SW 229th Ave.

Aloha, OR 97007

Phone: (503) 649-8191

## DINNER:

A barbecue dinner, will be served after the tournament on-site.

## FEES:

**Golf & Dinner: \$150/person**  
 (Includes golf cart & driving range)

**SEAO Young Members Forum: \$85**

**Mulligan: \$5/ea**

**PLEASE RETURN THIS ENTRY FORM BY JULY 7<sup>th</sup> TO:**

S.E.A.O.  
 9220 SW Barbur Blvd. #119  
 PMB #336  
 Portland, OR 97219  
 (503) 753-3075 Phone

Player Names	Green Fees	Membership	Payment Enclosed
	<input type="checkbox"/> Golf & Dinner - \$150	<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	\$ _____
	<input type="checkbox"/> Golf & Dinner - \$150	<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	\$ _____
	<input type="checkbox"/> Golf & Dinner - \$150	<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	\$ _____
	<input type="checkbox"/> Golf & Dinner - \$150	<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	\$ _____

Included: 1 (one) five-foot string per group.

## Mulligan Add-Ons (1 Mulligan = 1 Shot Per Person)

Mulligans - \$5 ea (Limit 5 Per Foursome) \_\_\_\_\_ Qty \$ \_\_\_\_\_

Pay By MAIL:  Check Included

TOTAL: \$ \_\_\_\_\_

Name:

Contact Phone #:

Credit Card #:

Credit Card Exp Date:

3-Digit Code:

Billing Zip Code:



# 2021 SEAO / OACI GOLF TOURNAMENT



**JULY 28<sup>TH</sup>, 2021**  
**The Reserve**  
**Vineyards & Golf Course**  
**1:00 PM - SHOTGUN START!**

## SPONSORSHIP FORM

Company Name: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

### HOLE SPONSORSHIP *(choose any or all of the following)*

**HOLE SPONSORSHIP - \$250**  
 Comes with individual tee signage and recognition at the on-site dinner.

**PAR-3 SPONSORSHIP - \$750**  
 Set your company up near the tee at one of 4 available, 3-par holes and also receive recognition at the on-site dinner.  
 (Only available to 4 sponsors)

**DINNER SPONSORSHIP - \$3,000**  
 Join the SEAO and OACI by sponsoring the on-site barbecue dinner! Includes tournament registration for a team of four, and distinct recognition from SEAO/OACI at the on-site dinner.

## WE THANK YOU FOR YOUR SUPPORT!

If you or your company would like to sponsor more than the above hole sponsorships, please check any of the additional sponsorship items below, or the option to sponsor/donate your own raffle prize:

### RAFFLE PRIZE SPONSORSHIPS

- 50" TV | \$600
- Apple Watch | \$400
- Apple iPad Mini | \$500
- Traeger Grill | \$600
- Kegerator | \$400
- Ocean Fishing Trip for 4 | \$600
- YETI 65 Cooler | \$400
- Quadricopter Drone | \$300
- Power Washer | \$500

### SPECIAL SPONSORSHIPS

- LD/KP/Long Putt Hole Sponsor  
\$150
- On Course Drink Refreshment Sponsor  
\$500 *(Host drink cart for one beverage per participant to be redeemed during play)*
- Tee Off Sponsor  
\$250 *(Host keg of Micro-brew)*
- 19<sup>th</sup> 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  
\$250 *(Host the scorecards with the name of your company on each card)*

Would you like to sponsor/donate your own raffle prize? *(ex: Mariner's seats, Blazers seats, etc)*

NO  YES, Please describe below:  
 \_\_\_\_\_

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

S.E.A.O.  
 9220 SW Barbur Blvd., Suite #119, PMB #336  
 Portland, OR 97219  
 Email: jane@seao.org

Pay By MAIL:  Check Included

TOTAL: \$ \_\_\_\_\_

Name:  
As it appears on Credit Card

Contact Phone #:

Credit Card #:

Credit Card Exp Date:

3-Digit Code:  
On back of Credit Card

Billing Zip Code: