



*In Brief*

# CONNECTIONS

June 2021 Volume 21 Issue 8

Newsletter of the  
Structural Engineers  
Association of Oregon

SEAO  
9220 SW Barbur Blvd.  
No. 119  
PMB #336  
Portland, OR 97219  
Phone: (503) 753-3075  
E-Mail: [jane@seao.org](mailto:jane@seao.org)  
Web site: [www.seao.org](http://www.seao.org)

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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:

### Wednesday, June 30, 2021: Free NCSEA Awards Series Webinar

#### NCSEA Award Winner: New Buildings \$80 to Over \$200 Million

Description: International Spy Museum, Presented by SK&A Engineers & The Academy of Motion Pictures, Presented by Buro Happold

Cost: FREE

PDH: 1.5 PDHs for Attending Live Session on June 30

For more information and to register visit: <https://www.pathlms.com/ncsea/courses/30900>

### Thursday, July 8, July 15, July 22 & July 29, 2021: SEAOI (Illinois) and NCSEA Virtual 18th Annual Bridge Symposium

Location: Virtual

Cost: \$395 Members, \$495 Nonmembers

PDH: Up to 8 PDHs

For more information and to register visit: <http://www.ncsea.com/events/bridge/>

### Wednesday, July 28, 2021: SEA/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, 7 & 8 for additional information.

### Wednesday, September 28, 2021: SEAO Chapter Meeting

SAVE THE DATE

More information will be provided in the August newsletter.

### Wednesday, September 27-October 21, 2021: Virtual NCSEA Structural Engineering Summit and

#### Wednesday, October 12-15, 2021: In-Person NCSEA Structural Engineering Summit

Location of In-Person Summit: Hilton Midtown, New York City, New York

See page 3 for more information and registration.

### Wednesday, October 27, 2021: 7th Annual SEAO Excellence in Structural Engineering Awards Dinner Banquet & Chapter Meeting

SAVE THE DATE

Location: TBD

Time: 5:30 pm—Check-in/Social

6:15 pm—Dinner

6:30 pm—Awards Program

See page 2 for Awards submission 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

## BOARD OF DIRECTORS

### President

**Dusty Andrews**  
Knife River Prestress  
Ph: 541.995.6327  
dusty.andrews@kniferiver.com

### Vice President

**David Linton**  
Mackenzie  
Ph: 503.224.9560  
dlinton@mcknaze.com

### Secretary

**Alexandra Stroud**  
KPFF Consulting Engineers  
Ph: 503.227.3251  
alexandra.stroud@kpff.com

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**Mike Daily**  
Lewis and Van Vleet, Inc.  
Ph: 503.885.8605 ext. 404  
miked@lvvi.com

### Director

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Simpson Strong-Tie  
Ph: 971.563.4587  
jmcpherson@strongtie.com

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**Eric Davis**  
Miller Consulting Engineers  
Ph: 503.246.1250  
ericd@miller-se.com

### Past President

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Jacobs Engineering Group  
Ph: 503.736.4209  
Steve.Trautwein@jacobs.com

### Executive Secretary

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

## 2021 SEAO EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS INVITATION TO SUBMIT

SEAO Members,

We've been working diligently on the SEAO website to accept online submissions of your projects for consideration in the 2021 SEAO Excellence in Structural Engineering Awards. The online submission platform was created as a direct result of the feedback we received from the survey that was sent out to the membership earlier this year. The member participants wanted a process for submittal that was convenient and not too time consuming.



2021 Juror's Favorite Award: District Office

To allow members to work on their submission when they can, the new online procedure allows a member to start, stop, and restart the submission when their schedule allows. The submission will be saved along the way, and if the member needs to logout to answer a call or go to a meeting, they can easily pick up where they previously left off during the submittal process. As you go through the website's screen prompts, just remember to click the Save button options at the bottom of each screen. You can also continue to edit your previous field entries all the way up until you are ready to select the SUBMIT button.

Also, we have heard from previous judges that not enough engineering information was provided on several submissions—that there was just not enough of a structural description for each area of judging criteria. This has resulted in projects receiving low point scores. We have, therefore, included example boxes that show a previous successful project's submission for that criteria narrative. You would just click on the information icon to the right of each entry criteria narrative box and you can see a successful example of how another member provided their information.

**You can now submit your projects directly through the SEAO website.** Just go to [SEAO.org](https://www.seao.org/excellence-awards/2021/learn-more) and login to have access to the SEAO Award Submission on-line process or click the following link: <https://www.seao.org/excellence-awards/2021/learn-more>.

Entries can be paid online with a credit card or can be paid with a check sent via mail. The website will provide directions for payment methods.

We have also modified the categories to encourage smaller firm participation and to recognize smaller construction budgets. Our 2021 Categories include:

- New Buildings Under \$10 million
- New Buildings \$10 million—\$40 million
- New Buildings Over \$40 million
- Renovation/Retrofit
- Special Use Structures

**All submissions are due by August 11, 2021.** The Awards banquet will be held on October 27, 2021—Save the Date!!

## SEAO COMMITTEES

### CODE ADVISORY COMMITTEE

Seismic  
*Reid Zimmerman*  
reid.zimmerman@kpff.com

Wind  
*OPEN CHAIR*

Snow Load  
*Andy Stember*  
andy@jasenginc.com

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

## NCSEA 2021 STRUCTURAL ENGINEERING SUMMIT

IN-PERSON EVENT: OCTOBER 12-15, 2021  
VIRTUAL EVENT: SEPTEMBER 27-OCTOBER 21, 2021

The 2021 Structural Engineering Summit is the industry's first immersive in-person and virtual event! The In-Person Summit will host attendees in New York City at the Hilton Midtown, October 12 through October 15. The Virtual Summit will span from September 27 to October 21. Attendees at both events will have access to an industry-leading Trade Show, NCSEA's unrivaled education and Exhibitor Zones, and unique networking opportunities.

Annually, the Structural Engineering Summit draws the best of the structural engineering profession. The Summit also highlights structural engineering innovation and ingenuity with the [Excellence in Structural Engineering Awards](#) as well as outstanding service and commitment to the organization through the [Special Awards](#), which honor members pivotal to the Council.

**Location:** Hilton Midtown, 1335 6th Avenue, New York, NY

**Registration:** Register <http://www.ncsea.com/events/annualconference/registration2/>. Note: as a member of SEAO, you are also a member of NCSEA.

### Cost for All Access (Includes all in-person & virtual events):

Early Registration before July 17:

\$895 Member, \$1,095 Nonmember, \$795 Young Member

Registration July 17—September 18:

\$995 Member, \$1,195 Nonmember, \$895 Young Member

Late Registration:

\$1,095 Member, \$1,295 Nonmember, \$995 Young Member

### Cost for Virtual-Only Access (Includes all virtual events):

\$295 Member, \$500 Non-member

### PDH Credit:

All Access Registration is eligible for up to 27.5 PDHs.

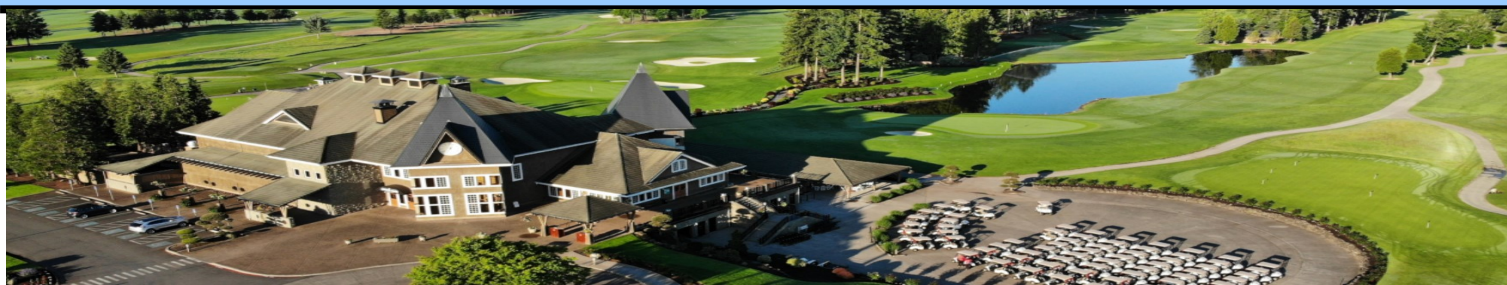
Virtual Registration is eligible for up to 17.5 PDHs.

**In-Person Schedule of Events:** To see the Schedule for the In-Person Summit, visit <http://www.ncsea.com/events/annualconference/quickschedule/> for more information.





## SEAO/OACI ANNUAL GOLF TOURNAMENT 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 7 and 8 for registration for golf and sponsorships. Come join us for a festive and fun day of golf.

### 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.

# EMPLOYMENT OPPORTUNITIES

## OTAK, INC. Structural Engineer Vancouver, WA



Otak, Inc. is seeking to hire a Senior Building Engineer to work in our Vancouver, WA office. The primary duty of the Senior Building Engineer will include serving as a technical expert in engineering analysis and design for all structural aspects in support of architecturally designed and site development structures, perform complex structural planning, and have a proven background of technical leadership on these types of projects. Other duties also include the supervision of junior engineers in the performance of engineering tasks.

### What You'll Do:

- Manage and lead structure designers/technicians in development of plans and calculations for buildings
- Perform design services matching local, state and federal design standards, especially National Parks Service standards
- Prepare and lead preparation of construction plans using AutoCAD and/or Revit
- Prepare specifications and cost estimates
- Plan and coordinate projects with limited supervision
- Assist in assigning duties and schedules to team members
- Participate and support preparing proposals and project scope, schedule, and budget
- Participate in Business Development based on strong client relationships
- Provide construction support services
- Perform other structures related design tasks as assigned

### Qualifications:

- Bachelor's degree in Civil or Structural Engineering
- Registered Structural Engineer
- 10+ years of proven experience in all aspects of building structural engineering working directly with architecture and public Clients
- Solid client services and business development skills are required
- Proficiency with Microsoft Office software, current structural software applications
- Proficiency and familiarity with applicable Codes, including specialty codes such as the Oregon Structural Specialty Code, Washington State Building Code, etc.
- Demonstrated leadership skills, strong written and verbal communication skills, and the ability to work with various teams throughout the organization

### **Why work at Otak?**

When you work at Otak, you aren't just joining a firm — you're joining a community. We believe our best work happens in a culture of collaboration and inclusion, where the expertise of diverse individuals can thrive in a foundation of teamwork. The work environment we create is built on a simple concept: working on interesting projects with interesting people. However, we don't just believe in cultivating our own community; we're also committed to enriching the communities around us with smart, creative solutions. We know our employees make an investment in us, so we're committed to making an investment in them. Seasoned experts and young professionals work together to encourage personal growth and skill development at all experience levels. Plus, we're expanding — and we're dedicated to developing an internal infrastructure with the strength and talent to support that growth.

Otak employees have a progressive mindset and sustainable community perspective. We encourage our staff to volunteer in their communities by giving them an option to earn extra vacation time for their volunteer hours. Otak combines the best of a small firm mentality with strong collaboration across disciplines with the plentiful opportunities to work on exciting projects offered by a growing firm. We also encourage life balance and foster a fun work environment. Our Northwest sensibilities are reflected in our commitment to sustainability and diversity. And believing that diversity fosters innovation and strengthens our skills, we embrace a culture of inclusion and equity in our company and in our communities.

We are an equal opportunity employer. We do not discriminate on the basis of race, religion, color, national origin, gender, sexual orientation, age, marital status, veteran status, or disability. We will provide reasonable accommodation for qualified individuals with a disability where appropriate.

Sound like a place you'd like to spend some time and advance your career? Join us! Please apply online and include a cover letter that sells your skills with your resume.

Visit us to learn more at <https://www.otak.com/about/>

Send resumes to: [Craig.Meunier@otak.com](mailto:Craig.Meunier@otak.com).

*(Continued on Page 6)*

## EMPLOYMENT OPPORTUNITIES (CONT.)

### HOLMES STRUCTURES

#### Structural Engineer

Portland, OR; San Francisco and Los Angeles, CA; & Seattle, WA

We are seeking engineers of all levels for our San Francisco, Los Angeles, Portland, and Seattle offices!

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 is a structural engineering firm working throughout the West Coast. We are part of the international Holmes Group 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).

Visit us to learn more at:

<http://www.holmesstructures.com/>

### VLMK ENGINEERING + DESIGN

#### Design/Structural Engineer

Portland, OR

VLMK Engineering + Design is accepting applications for an experienced or mid-level Structural Engineer ranging from 3 to 10 years of experience who is passionate about engineering and wants to broaden their experience working in a collaborative, multifaceted environment with a variety of project and building types.

If you think this might be you, please see the full posting on our website at [www.vlmk.com](http://www.vlmk.com) for additional requirements and the benefits of joining VLMK.

If you have questions, please contact Trent Nagele at [trent@vlmk.com](mailto:trent@vlmk.com)

### MACKENZIE

#### Structural Engineer

Portland, OR

If you are passionate about your work, highly motivated, and looking for professional growth and development, Mackenzie may be the place for you. We have an opening for an engineer (PE preferred) with 3 to 5 years of experience in the structural engineering department in our Portland office. This full-time position is available to qualified applicants who have graduated from an accredited program in Civil Engineering or Architectural Engineering with interest in designing buildings in a collaborative multi-discipline environment. The position is open immediately and all resumes from qualified candidates will be considered. We are an Equal Opportunity Employer.

If you are interested in this position, please submit a resume online at: <https://www.mcknze.com/careers/2021-02-19-pdx-structural-engineering-structural-engineer>.

Also feel free to learn more about Mackenzie by visiting <https://www.mcknze.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:**  
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:**



# 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: