

Newsletter of the Structural Engineers Association of Oregon

SEAO

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SEAO has a LinkedIn account and can be followed at <u>SEAO</u> <u>LinkedIn Page</u>.



November 2022 Volume 22 Issue 3

Upcoming SEAO Meetings and Events:

Tuesday, November 8, 2022: SEAO Lunch Chapter Meeting Topic: The Market Shift to Low-Embodied Carbon Concrete Time: 11:30 am to 1:00 pm Location: Portland City Grill, US Bancorp Tower, 111 SW 5th Ave, 30th floor, Portland, OR PDH: 1 Hour (no credit to Affiliate Member) Cost: \$35 Member; \$45 Non-Member; \$20 Student See Page 3 for additional information.

Tuesday, January 10, 2023: SEAO Dinner Chapter Meeting

Topic: To be determined. Time: Social at 5:30 pm, Dinner at 6:15 pm, Program at 7 pm Location: Portland City Grill, US Bancorp Tower, 111 SW 5th Ave, 30th floor, Portland, OR PDH: 1 Hour (no credit to Affiliate Member) Cost: \$45 Member; \$55 Non-Member; \$20 Student More information to follow in December's newsletter.

Wednesday, January 18, 2023: SEAO Winter Seminar (SAVE THE DATE)

Topic: Future OSSC and ORSC Adoption Based on 2024 I-Codes and Ground Snow Loads ASCE 7-22 Ground Snow Load Geodatabase Speaker: Seth Thomas, PE, SE, KPFF Consulting Engineers Time: 7:30 am to 4:30 pm Location: Embassy Suites, 9000 SW Washington Square Road, Tigard, OR PDH: 6 Hours & Cost: TBD

Wednesday, February 22, 2023: Engineers Week High School Program (SAVE THE DATE) Location: Lloyd Center DoubleTree Hotel, 1000 NE Multhomah St, Portland, OR For more information see flyers on pages 11, 12, and 13. For more information visit: <u>https://www.oregonengineersweek.org/</u>

March 27–29, 2023: International Mass Timber Conference

Location: Oregon Convention Center, Portland, OR Hotel rooms are selling fast. Reserve your room as soon as possible. For more information and to register, visit: <u>https://masstimberconference.com/</u>

September 14—15, 2023: SEA NW Conference (SAVE THE DATE)

Theme: Innovation in Structural Engineering" Hosted by: SEAW Seattle Chapter Location: Hilton Bellevue, 300 112th Avenue SE, Bellevue, WA Additional Information will be forthcoming 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.

Send membership inquiries to:

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

BOARD OF DIRECTORS

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PRESIDENT'S MESSAGE By: Peder Golberg

SEAO Members,



As I stated last month, as a feature of my term, I want to promote the education and knowledge that our own committees have to offer to our members, and my goal is to highlight at least one of the committees each month.

SEAO has a Code Committee that is made up from members that represent both the consulting engineering community and the building jurisdictions. The committee is responsible for providing guidance to the

State on code-related items and works with the State Building Codes Division (BCD) on the adoption of these items in the OSSC and OSRC. Eric Watson of Miller Consulting Engineers is the current chair of the committee. In addition to reviewing proposals (anyone can submit a building code proposal), the SEAO committee also puts out their own change proposals with a majority of SEAO's proposals accepted and incorporated into the OSSC. See the following link for additional information on the code review and adoption https://www.oregon.gov/bcd/codes-stand/Pages/ossc-adoption.aspx. One new code item they have been working on recently is updating the statewide CLT Alternate Method for shear walls that expired with the adoption of the 2022 OSSC.

NCSEA now has a Sustainable Design Committee as does SEAW. SEAO currently does not have this committee. The committee's goal is to advocate for inclusion of sustainable design within the practice of structural engineering and the role that the structural engineer can play in this process. We are being asked if we have interest in either starting up our own new committee or joining efforts with SEAW. If this topic is of interest to you, please contact the board. The Sustainable Design Committee is a good lead into this month's speaker for our November 8th lunch meeting that will be on the topic of the City of Portland's low-carbon concrete initiatives for construction projects that will be going into effect in January 2023.

Peder

SEAO COMMITTEES

CODE ADVISORY COMMITTEE Seismic

NEW CHAIR STARTING JAN. 2023

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 Eric Esqueda erice@vlmk.com & Emma Olds eolds15@gmail.com

SE3 Annabel Shephard shep.annabel@gmail.com

CONTINUING EDUCATION COMMITTEE Seminars Andy Stember andy@jasenginc.com

MEMBERSHIP COMMITTEE Newsletter

JoMarie Farrell jomarie@equilibriumllc.com

Roster Jane Ellsworth iane@seao.org

DELEGATES

NCSEA & WCSEA/NWC **David Linton** dlinton@mcknze.com

Seth Thomas (Alternate) seth.thomas@kpff.com

NOVEMBER CHAPTER MEETING TUESDAY, NOVEMBER 8, 2022, 11:30 AM-1:00 PM

Topic: The Market Shift to Low-Embodied Carbon Concrete

Description: Did you know? The concrete industry in the U.S. and globally has committed to be a net-zero carbon emission industry by 2050. This decarbonization movement means that concrete suppliers in our area are developing new mixes and optimization approaches, all while delivering quality product. And many public and private agencies are demanding lower-embodied carbon concrete for their projects – from the Federal General Services Administration and Microsoft to the City of Portland. During this lunchtime session, we will hear from Stacey Foreman, the City of Portland's Sustainable Procurement Program Manager, who spearheaded the work at the City to develop their new embodied carbon thresholds for concrete on City projects, which go into effect January 1, 2023. She will provide an overview of how this transition is playing out in the Portland Metro Area and share lessons learned from the City's threshold development process.

Speaker: Stacey Forman, City of Portland

Stacey Foreman manages the City of Portland's Sustainable Procurement Program, driving change for more sustainable products and services through public contracting. Stacey is active in a variety of regional and national efforts to build sustainable procurement resources and has served on related advisory committees and boards for the Sustainable Purchasing Leadership Council, the Sweatfree Purchasing Consortium, and the Green Electronics Council's EPEAT program. Stacev is a LEED Accredited Professional and has presented to



national and international audiences on the topic of sustainability in public procurement.

Location: Portland City Grill, 111 SW Fifth Avenue, 30th Floor, Portland, OR Parking information: 2.5 hours of validated parking is included for attendees in either of the two Unico garages. There are 200 spaces in the garage below the tower and 500-plus spaces in the parking structure between 5th and 4th Avenues.

Time: 11:30 am — Check-in and Lunch Buffet Noon — Program

Cost: \$35 — Prepaid Members \$45 — Prepaid Non-Members \$20 — Students

Reservations: Pre-registration is required for all. You can register and pay online at https:// www.seao.org/events/nov2022/market-shift-low-embodied-carbon-concrete before 5 pm, Friday, November 4. 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. **Questions:** Contact Jane Ellsworth at jane@seao.org

Resource Info on Topic: Visit the City's website at https://www.portland.gov/omf/brfs/ procurement/sustainable-procurement-program/sp-initiatives for additional information on this subject.

MASS TIMBER CONFERENCE 2023

The International Mass Timber Conference will be held March 27—29, 2023, at the Oregon Convention Center in Portland, Oregon.

The conference has several tracks for attendees, including:

Track 1: Is Housing Mass Timber's Next Big Thing?

Track 2: Enabling Long Term Success by Sharing Lessons Learned

Track 3: Sustainability Throughout the Supply Chain

Track 4: Dispelling Myths Regarding Budgets, Estimates, Cost and Returns

Hotel rooms have sold out at the Eastlund Hotel and the Hyatt Hotel rooms are selling fast and expected to sell out so register soon. For more information, visit: https://masstimberconference.com/

2023 SEAO TRADE SHOW

Save the Date! The 2023 SEAO trade show will be held on April 11, 2023 at the Monarch Hotel in Clackamas, Oregon. SEAO is now accepting registration for Preshow mini-seminars and for vendor booths in the exhibitor hall.

SEAO will also be holding a raffle during the trade show to raise money for the SEAOSF (Scholarship Foundation) scholarships. Donations to the raffle are greatly appreciated. Donations will be announced at the raffle and in the newsletter for additional name exposure.

See Page 10 for a flyer providing more information and fees for exhibiting goods and/or services and for making donations.

Look for information in future newsletters for additional information on trade show and mini-seminars.

DUES REMINDER

Annual dues for SEAO membership were due on October 31, 2022.

If you have not paid yet, you can make checks payable to SEAO and mail to:

9220 SW Barbur Blvd, No. 119 Portland, OR 97219

Or renew online using a credit card at: <u>www.seao.org</u>

Renewals:

Member (licensed PE in Oregon): \$125
Affiliate Member (unlicensed): \$110
Student Member (full-time student in Civil or Structural Engineering): \$20
Life Members, Retired Members/Affiliates, or Professors: \$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 number, 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.

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 provide a simple way for Q&A's with technical committees. Email questions to 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 <u>www.seao.org</u>. Committees include: Seismic, Wind, Snow, Code, Vintage Building, and Special Inspections.

MEMBER SPOTLIGHT DAVID TARRIES, PE, SE, SEER COMMITTEE CHAIR



The board would like to recognize David Tarries as the member spotlight for November.

David took over as chair of the SEER committee around 2018. He inherited a team that had been working for years to get a coherent program in place for post-disaster structure evaluations

across the entire state of Oregon. Working closely with ASCE, AIA, and OBOA, the effort ended in success in 2019 when House Bill 2206 was finally adopted in Salem creating the OrSAP program. Efforts since then have been primarily to help legislate funding for the program and to develop training for evaluators and support documentation for jurisdictions/coordinators. The effort to develop the program is still ongoing.

The SEER Committee supports engineers involved in forms of post-disaster efforts. When disasters strike they often take a toll on buildings and infrastructure in a It is important in those situations to community. determine what structures appear to be stable and which ones represent a danger to occupants and relief efforts. Delays in evaluating structures can increase the time a population is forced to find temporary shelter or move out of a region. If the scale of the disaster is big enough it can overwhelm local resources. The focus of the committee on a local and national level is secondary responders, such as ATC 20 and ATC 45 evaluations that occur a few days after an event. Primary emergency response in the form of urban search and rescue are also represented in the committee. The committee supports training for professionals to be better prepared to assist local jurisdictions in the United States and beyond when a call comes out for assistance. It also provides support to programs that plan emergency disaster response and promote resiliency. On a national level, the NCSEA SEER committee works with FEMA to develop national disaster response standards. Currently the SEAO SEER committee has been assisting the Office of the State Fire Marshal in Salem to create the Oregon Safety Assessment Program (OrSAP Oregon State Police : Oregon Safety Assessment Program : Office of the State Fire Marshal : State of Oregon) which will work like Cal OES SAP and WAsafe in our neighboring states. Anyone interested in more information on engineers and disasters is encouraged to reach out. There is always room for new members as well. Please email seer@seao.org with any questions.

David currently works in the Engineering Plan Review Section for the City of Portland's Bureau of Development Services. He attended Iowa State University and received a BSCE in 2000 and then a MSCE in 2002.

He was born in Iowa but grew up in Alaska so the Pacific Northwest seemed a good middle ground where there were trees and mountains but also a good market for structural engineers. He settled in Portland and started with KPFF in 2002. KPFF was a great place to develop as an engineer. There was no shortage of varying structures and travel. He was able to spend weeks on site in Tokyo, Ulaanbaatar, Manila, Rome, and London among others. As a young engineer without a family the work provided an excellent mix of technical challenge and excitement.

In 2015 he finally got married and found that his work life balance had been a bit skewed. In 2016 he made the difficult decision to leave KPFF for a position with the City of Portland to be able to spend more time with family. He now has three children 6-years-old and under and spends most of his free time chasing toddlers.

Thank you, David, for all you do for SEAO!

NCSEA UPCOMING LIVE WEBINARS

November 10, 2022, 10:00 am PDT (Fee for Webinar) Pour Strips—Designing for Construction Productivity & Safety

Speaker: Jared Reigstad, PE, Vice President, Reigstad Engineers, Inc.

Pour strips are designed to control shrinkage, creep and elastic shortening in post-tensioned and cast-in-place concrete but they add extra costs, construction delays, and safety issues. Engineers can reduce these problems, provide for higher quality, and increase productivity by being mindful of forming, shoring, reshoring, and back shoring when designing pour strips. In this presentation, we will discuss best practices for designing pour strips in post-tensioned and cast-in-place concrete. We will demonstrate how pour strip placement and design can be done to reduce costs, accelerate construction, and improve safety, which increases overall project productivity. We will also discuss different products on the market that eliminate pour strips, including lockable dowels and mechanical reinforcement splice systems that allow for temporary movement. (1.5 PDH)

November 22, 2022, 10:00 am Pacific Time (Fee for Webinar) Shoring and Load Transfer in Renovations of Existing Buildings

Speaker: Ciro Cuono, PE, Principal, Cuono Engineering, PLLC It is often a better use of resources to reuse and adapt an existing building rather demolishing and rebuilding new. One interesting aspect of renovations and adaptive re-uses to a structural engineer is when a new design program requires removal of columns or walls. This is significantly more challenging than modifying a floor system, especially in an occupied building. This webinar will explore the permanent and temporary works involved in transferring loads on existing columns and walls. It will consider transfer girders and trusses and topics such as preloading, hydraulic jacking and sequencing. Considerations from the engineering designer as well as contractor and steel erector will be explored. (1.0 PDH)

SEER UPDATE NOVEMBER 2022 BY DAVID TARRIES

OrSAP has reached out to Cal OES SAP and WAsafe for evaluators that reside in Oregon and Clark County Washington that may be interested in joining OrSAP. They will be reaching out via email to evaluators to ask if they are interested with more information. I don't believe there will be a fee associated with joining OrSAP at this time as there is no training involved. In the future there may be a short online Oregon-specific module available needed to complete OrSAP training (which should also be free). There may be a fee for full OrSAP training in the future similar to how Cal OES SAP and WAsafe work today. There should be an avenue for those with current ATC 20/45 training to apply as well, but we have not yet heard the specifics on that process. Please email seer@seao.org if you have any questions.

December 8, 2022, 10:00 am Pacific Time (Fee for Webinar) Enlightening Insights into Light Pole Design & Maintenance

Speaker: Noah Fehrenbacher, PE, SE, and Leah Ruther, PE, Wiss, Janney, Elstner (WJE)

Light poles are nearly universal structures that line our streetways, sidewalks, parking lots, athletic fields, and more. While the luminaires that illuminate paths for pedestrian or vehicular traffic are the common focus of maintenance efforts, maintenance of the poles and anchorage systems supporting them is often overlooked. In this one-hour webinar, WJE engineers Leah Ruther and Noah Fehrenbacher will discuss the general components of light poles, common failure mechanisms, recommended light pole maintenance, when replacement is recommended and design and analysis considerations for new or replacement poles. This presentation will feature real world examples of deterioration and failures of light poles which have generally occurred due to poorly planned maintenance and deferred repairs along with tips on inspection protocols, non-destructive techniques, and asset management considerations. (1.0 PDH)

January 24, 2023, 10 am Pacific Time (Fee for Webinar) Work Smarter Not Harder—Getting the Most out of Frequently Used Software Applications

Speakers: Sarah Scarborough, SE, PES Structural Engineers, and Mary Shinners, PE, SE, The Haskell Company

Structural engineers use a wide range of software and technology to perform design calculations and produce construction documents. This webinar will cover the multitude of ways structural engineers can leverage frequently used software applications to produce quality designs more efficiently. Come prepared to revolutionize the way you approach design problems using the same tools with which you are already familiar! (1.5 PDH)

There are also recorded webinars that can be purchased for professional development hours (PDHs) online at https:// www.pathlms.com/ncsea.

AWC FREE WEBINARS

AWC offers a number of free eCourses that will provide PDH credits to those that sign up. Simply login to AWC to create a the following link: free account at https:// woodcouncil.mclms.net/en/. Upcoming free eCourses include:

Thursday, November 17, 2022: 7:55 am—9 am PST CLT Shear Wall Example (Course No. DES337) New provisions for CLT shear wall design are included in the 2021 Special Design Provisions for Wind and Seismic (2021 SDPWS). This program will present a design example, including panel capacity, holdowns, and deflection checks.

PDH)

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EMPLOYMENT OPPORTUNITIES

VALAR CONSULTING ENGINEERS BIM Modeler/Drafter Portland, OR

Valar Consulting Engineering: LOCAL-COLLABORATIVE-FAMILY ORIENTATED-MINORITY OWNED – structural engineering firm based in Happy Valley with an opening for a <u>BIM Modeler/Drafter</u> to join our expanding team having the ability to:

- Model/draft/compile sets of structural documents
- Effectively coordinate Revit models provided by Architects and sub-consultants
- Understand fine detailing of concrete, steel, and wood framing
- Adapt to a wide range of project types and scales.
- Collaborate well with engineers and architects and committed to delivering quality projects.
- Minimum of 5 years' experience
- Appreciate a flexible office and work-life balance

Please visit <u>https://valarengineering.com</u> to learn more about Valar Consulting Engineering LLC. Please send resumes to <u>info@valarengineering.com</u>.

EQUILIBRIUM ENGINEERS

Structural Engineer Portland, OR



ELEPHANTS, TIGERS and CHIMPS oh my!

Zoos are not all we do, but if this caught your eye you might be the person we are looking for. Equilibrium Engineers is a small structural engineering firm founded on the principle of balance between work and life. We strive to provide all of our engineers opportunities to work on interesting, diverse projects in a collaborative and supportive setting that is conducive to both professional growth and personal fulfillment. We are currently seeking structural engineers with 0 to 5 years of experience, EIT certification and a willingness learn and grow with the firm. U.S. citizenship is preferred. To learn more about who we are and what we do, visit <u>www.equilibriumllc.com</u>. If you are interested in joining us, send your resume and a cover letter to edq@equilibriumllc.com.

CATENA ENGINEERS Structural Engineer Portland, OR

catena consulting engineers provides the personal environment of a small firm while providing the opportunity to work on a variety of projects. Our projects vary in size from a single day's effort to large projects with construction values in excess of \$300 million. You will gain design experience in concrete, steel, timber, and masonry buildings and will work on a wide variety of project types including buildings created for healing, learning, living, and interacting. Due to the technical complexity and challenge of many of our projects, we seek engineers that hold a Masters degree, and that have a desire to learn, grow, and be challenged. U.S. citizenship is preferred. We are currently seeking engineers at all levels of experience in structural engineering for buildings. For a detailed advertisement and to submit your resume, visit our website http:// www.catenaengineers.com/opportunities.php

PACE ENGINEERS

Structural Engineering Group Manager Lake Oswego, OR

Are you looking to become a bigger fish in a mediumsized pond? PACE needs a new group manager to take the baton! We have a team of nine (9) SEs or PEs, and five (5) structural designers. We complete projects for private and public sector clients throughout the PNW, the Mountain West, and beyond. Projects include hydraulic structures; roadway, pedestrian, and utility bridges; building and non-building structures; and contractor and vendor services. Opportunities include a supportive culture that cultivates technical, PM, BD, and managerial growth in a hybrid work environment.

PACE is a team of 130 civil and structural engineers, surveyors, and GIS professionals located in Lake Oswego, OR and Kirkland, Everett, and Wenatchee, WA. See <u>www.paceengrs.com</u> or contact HR manager, Karmell Dawson at <u>karmelld@paceengrs.com</u> for more information.

EMPLOYMENT OPPORTUNITIES (CONT.)

<u>AKANA</u> Mid-Level Structural Engineer Portland, OR



Akana, a Native American-owned multi-discipline consulting firm with a diverse portfolio of clients and projects throughout the United States, is seeking to add a *Structural Engineer* to our firm. This position is full-time. The ideal *Structural Engineer* will have a good understanding of code and environmental criteria and client requirements to ensure specifications and designs meet project goals.

The minimum *required qualifications* for this position are:

- Bachelor's degree in Engineering, SE focused preferred
- PE License, Oregon PE or SE preferred
- 5 years minimum in related experience
- Knowledgeable in Revit
- Knowledgeable in Risa 3D and Tedd's analysis software
- Ability to prepare & review engineering documentation and plans
- Experience in a client-facing role (including business development and client management)
- Excellent written and verbal communication skills

General Responsibilities are:

• Independently apply standard engineering practices and techniques in specific situations, adjusting and correlating data, performing calculations, and recognizing discrepancies in results.

• Review plans, specifications and schematics to determine the preferred way to build new projects and repair existing infrastructure systems.

• Participate in initial planning and bidding processes, including reviewing environmental factors, government regulations, constructions costs and risk analysis reports to prepare comprehensive study on all relevant design factors.

• Implement design software to plan and design different systems and structures in line with overall standards.

• Requires periodic project site visits to review existing structures and confirm construction progress.

- Develop long term relationships with key clients.
- 5-10% travel time may be required.

The salary for this position is competitive and based on experience. Akana offers full benefits including healthcare, 401k with match (after one year), short- and long-term disability insurance, and a generous PTO program! We offer a hybrid work model along with being situated just 20-minutes from downtown Portland and have free parking! Learn more about us at <u>www.akana.com</u>.

Akana is firmly committed to Equal Employment Opportunity (EEO) and to compliance with all Federal, State and local laws that prohibit employment discrimination on any basis protected by law. Our EEO policy statement is available on our website at <u>www.akana.us</u>. This opportunity may be subject to the requirements of FAR Clauses 1452.226-70 and 1452.226-71 regarding preference in hiring of Native Americans. Native Americans are encouraged to apply.

<u>AKANA</u> Structural Engineer Group Manager Portland, OR

Akana, a Native American-owned multi-discipline consulting firm with a diverse portfolio of clients and projects throughout the United States, is seeking to add a *Structural Group Manager* to our firm. The purpose of this position is to manage the structural engineering services and structural staffing for the firm. The **Structural Group Manager** works closely with project technical lead structural engineers to execute structural engineering projects.

The minimum *required qualifications* for this position are:

• BS degree in engineering, MS preferred

• Proven experience as a structural engineering group manager or role with minimum of 15 years of structural engineering design experience.

• Ability to manage and mentor staff, and take action as appropriate

• Thorough knowledge of structural engineering design methodologies and standards

• Experience in design of structures and evaluation of existing structures in high seismic regions (Seismic Category D and above)

• Knowledge of ASCE, IBC, OSSC, ACI, AISC, NDS, AISI, TMS, DOD, DOE, and other structural engineering standards

- Professional Engineer license, SE obtained within 6 months
- Excellent organizational and leadership abilities
- Solid written and verbal communication skill
- Reliable and Trustworthy

In addition to the required qualifications the following *Software skills* are preferred:

- Proficiency with MS Office Suite software, and Bluebeam
- Understanding of AutoCAD and Revit software

• Proficiency in RISA 3-D, SAP2000 or comparable structural analysis/ finite element analysis software

 $\bullet\,$ Proficiency with Tekla Tedds, Enercalc or similar structural design software

General Responsibilities are:

• Prepares structural group annual budget and activities including <u>soft-</u> <u>ware/resource needs</u>, group staff training plans, professional development activities, and team bonding.

• Sets structural group workload priorities and coordinates staffing with other managers.

• Manages structural group utilization and identifies additional resource needs.

• Provides mentoring to structural engineering staff.

• Develops structural engineering design standards, templates, and procedures with oversight from the Design Services VP and in coordination with the BIM Manager.

(Continued on next page)

AKANA (CONT.)

Structural Engineer Group Manager Portland, OR

General Responsibilities (continued):

• Devises processes and procedures to improve structural engineering group efficiency and profitability.

- Oversees QA/QC for the structural group and assures the reliability and consistency of production
- Supports Human Resources with recruiting efforts
- Appraises customers' requirements
- Interacts with clients, customers, officials, and contractors.
- Maintains licensure in jurisdictions as directed by company.
- 10-20% travel time may be required, including routine in-person meetings

The salary for this position ranges from \$120 to \$145K. We are competitive and based on Experience, Education, Licensure or PE, and Location.

Akana offers full benefits including healthcare, 401k with match (after one year), short- and long-term disability insurance, and a generous PTO program!

Akana is firmly committed to Equal Employment Opportunity (EEO) and to compliance with all Federal, State and local laws that prohibit employment discrimination on any basis protected by law. Our EEO policy statement is available on our website at <u>www.akana.us</u>. This opportunity may be subject to the requirements of FAR Clauses 1452.226-70 and 1452.226 -71 regarding preference in hiring of Native Americans. **Native Americans are encouraged to apply.**

Learn more about us @ www.akana.us

VLMK ENGINEERING & DESIGN

Structural Engineer

Portland, OR



VLMK Engineering + Design is accepting applications for qualified Structural Engineers who are passionate about engineering and want to broaden their experience working in a collaborative, multifaceted environment with a variety of project and building types. Openings are available for a range of experience levels in several office locations.

If you want to tackle new challenges and expand your abilities with a dynamic and growing company, please see the full postings on our website at <u>www.vlmk.com</u> for additional requirements and the benefits of joining VLMK. If you have questions please feel free to contact Trent Nagele at <u>trent@vlmk.com</u>.



STRUCTURAL ENGINEERS ASSOCIATION OF OREGON

- WHAT: Annual Trade Show to benefit the SEAO Scholarship Foundation
- WHERE: Monarch Hotel in Clackamas (Sunnyside Road exit off I-205)
- WHEN: Tuesday, April 11th, 2023 5:00 PM - 8:00 PM Booth set-up: 1:00 PM Booth break down: 8:00 PM



FORMAT: There are two opportunities for exhibiting goods and/or services.

1. Pre-show seminars. The seminars will last for 1 hour with a 15-minute breakdown and setup period between seminars. Seminar slots go quickly so register early. Laptop & projector are vendor responsibility to supply. 1 PDH is recommended per seminar.

2. Booth - 10' with 8' table. As before, dinner and drink tickets will be given to attendees as they check in. The exhibitors must initial the tickets before the tickets can be redeemed for a free drink or meal.

CONTACT: Jane Ellsworth

Phone: (503) 753-3075 / E-mail: jane@seao.org

| COST: SEA | | OMEMBERS (Select all that apply) | | | | NON-MEMBERS (Select all that apply) | | | |
|--------------------|-----------|---|---|--|---|---|------------------------------|--|--|
| | | Mini Seminar \$235 | Booth \$550 | Late Fee \$75 Additional after 2/16/2022 | | Mini Seminar \$310 | Includes electricity | Late Fee \$75 Additional after 2/16/2022 | |
| N | lini Semi | inar Title (If che | cked above): | | | | | | |
| DONATIONS | | We will be raffle are will be an | e holding a rafi greatly apprec nounced for a | fle, and donations to siated. Vendor donat dditional name expo | the ions Add sure. | d Raffle Test | Donation Amount | : | |
| Company | Name: | | | | | | | | |
| Contact Name: | | | | | | | | | |
| Phone Number: | | | | Email Address: | | | | | |
| Total To Bill: | | | Pay By Credi MAIL or | t Card: By check the SEA EMAIL Info belo | king this box, OSF to run th w for the tota | you authorize e credit card I amount. | OR - Pay By Chec MAIL ONL | k: Make payable Y to "SEAOSF" | |
| lf n | nailing | payment, se | nd to: SEAO | SF - 9220 SW Bar | bur Blvd, ŧ | #119, PMB #3 | 336 - Portland, | OR 97219 | |
| As it appears on C | Name: | | | | | | | | |
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| Billing Zip | Code: | | | | | | | | |

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FEBRUARY 19 – 25, 2023

The Engineers Week High School Program is in-person on Wednesday, February 22, 2023.

Event location is the DoubleTree by Hilton Hotel / 1000 NW Multnomah Street, Portland, OR 97232.

Tentative Event Schedule:

| 9:30am – 11:30am | Student / teacher sign-in |
|------------------|---|
| 9:30am – 11:45am | Exhibit Hall / Career Expo open for all attendees |
| 9:30am – 11:45am | Morning Seminars open for all attendees |
| 11:45am – 1:30pm | Banquet Lunch: Local engineers join students for lunch & keynote presentation |
| 1:45pm – 4:30pm | Field trips |

Sponsorship is open now.

Student registration opens in January 2023.

Registration + sponsorship links (and more information) will be available at https://www.oregonengineersweek.org/

For more information contact <u>eweek.oregon@gmail.com</u>.



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

59th Annual E-Week High School Program

You are an essential part of the 59th Annual Engineers Week High School Program.

Date: Wednesday, February 22, 2023

Location: Lloyd Center DoubleTree by Hilton Hotel - 1000 NE Multnomah St.

To participate at E-week, do one of the following:

- 1) Go to <u>http://www.oregonengineersweek.org/sponsorship/</u> for online registration.
- 2) Send in the following form and a sponsor check (see details on next page).

We will contact you with additional day of the event information.

Engineers Week Sponsorship Levels

| | | The second se | | | | |
|------------|---------|---|--|--|------------------------------------|--|
| | | Sponsor Included on E-week Web and Social Media | Title Sponsor on all Event Publications* | Official Sponsor of Morning Program | Number of Sponsored Students | # Banquet Dinner Tickets for Your Organization |
| Platinum | \$2,000 | ~ | ~ | ✓ | 20 | 15 |
| Gold | \$1,000 | ~ | V | | 10 | 10 |
| Silver | \$500 | ~ | | | 5 | 5 |
| Individual | \$80 | | | | 1 | 1 |

*Title sponsors will be included on all event publications if program support is committed by December 31, 2022.

| 2023 E-week Sponsor Registration | | | | |
|---|--|--|--|--|
| Organization Name: | | | | |
| Contact Name: | | | | |
| Email Address: | | | | |
| Phone Number: | | | | |
| Sponsor level - check one: | | | | |
| Platinum \$2,000 | | | | |
| ☐ Gold \$1,000 | | | | |
| Silver \$500 | | | | |
| Individual \$80 x # of attendees | | | | |
| I cannot attend, but I would like to sponsor a student - \$40 | | | | |
| | | | | |

Send this form and a sponsor check payable to "<u>ASCE Oregon Engineers Week</u>" by January 31, 2023 to:

Jason Kelly c/o DOWL 5 Centerpointe Drive, Suite 350 Lake Oswego, OR 97035

We will confirm receipt of your registration and send more day of event details. Please email jkelly@dowl.com with any questions.

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