

Newsletter of the Structural Engineers Association of Oregon

SEAO

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Linked in

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

CONNECTIONS

April 2022 Volume 22 Issue 6

Upcoming SEAO Meetings and Events:

Wednesday, April 27, 2022: Virtual SEAO Lunch Chapter Meeting

Topic: Winner of the 2021 Excellence in Structural Engineering Award for New Buildings Between \$10 Million and \$40 Million: The Canyons Speaker: Michael Clark, P.E. and Michael Poulos, P.E., S.E., Catena Consulting Engineers Time: Noon to 1:00 pm Location: Virtual Registration: <u>https://www.seao.org/events/apr2022/canyons</u> PDH: 1 Hour (no credit to Affiliate Member) See Page 3 for Additional Information

Thursday, May 5, 2022: Oregon ACI Seminar

Topic: Troubleshooting Concrete Forming & Shoring Speaker: Kim Basham, PhD, PE, FACI

Time: 7 am—7:30 am Registration

7:30 am-8:00 am Continental Breakfast

8 am—4 pm Program (Lunch included from noon to 1 pm)

Location: Crowne Plaza Hotel, 14811 Kruse Oaks Drive, Lake Oswego, OR

PDH: 6 Hours

See Page 4 for Additional Information

Wednesday, May 25, 2022: Virtual SEAO Lunch Chapter Meeting

Topic: Initial Investigation into the Partial Collapse of the Champlain Towers South Building in Surfside, Florida Speaker: Dawn Lehman, Professor of Civil and Environmental Engineering at the University of Washington. Time: Noon to 1:00 pm Location: Virtual PDH: 1 Hour (no credit to Affiliate Member)

Wednesday, August 10, 2022: SEAO/OACI Golf Tournament

Location: Langdon Farms Golf Club, 24377 NE Airport Road #1, Aurora, OR Shotgun Start: 1:00 pm; Social Hour 6:00 pm; Dinner & Awards 6:30-7:30 pm See Pages 6, 9, and 10 for Additional Information

SEAO BOARD OF DIRECTORS UPCOMING ELECTION 2022-2023

It is that time of year that SEAO looks to establish a new Board that will serve during the 2022-2023 year. If you have any interest in serving your structural engineering community and helping to provide information that assists in educational and networking opportunities that SEAO provides, please contact Jane at jane@seao.org, Dusty Andrews at <u>dusty.andrews@kniferiver.com</u>, or any of the board members listed on page 2. It is through member participation that we remain a relevant and thriving organization. Open positions include Secretary, Treasurer (2-year service), and P.E. Director (2-year service).

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 David Linton Mackenzie Ph: 503.224.9560 dlinton@mcknze.com

Vice President *Peder Golberg* James G. Pierson, Inc. Ph: 503.226.1286 peder@jgpierson.com

Secretary Jared Lewis catena consulting engineers Ph: 503.467.4980 jared@catenaengineers.com

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

Director Nisarg Mehta DCI Engineers, Inc. Ph: 503.242.2448 nmehta@dci-engineers.com

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

Past President Dusty Andrews Knife River Prestress Ph: 541.995.4100 dusty.andrews@kniferiver.com

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

SEAO Members,



It was a bit of a surprise to wake up to snow the other day and the disruptions that brings to those that live in the metro area. Much like most of you I am looking forward to Summer and the outdoor activities the warmer months bring. With summer right around the corner, it means that SEAO is approaching our "summer vacation" where we take a few months to break from speaker meetings. If you are looking for more PDH opportunities, we have some outstanding meetings coming up. Both the newsletter and website will have more information on registration and other details.

It is also the time of year where we start to collect nominations to fill our open board positions. Honestly, I never envisioned being a part of the SEAO board. It wasn't something I had on my five, ten, or even twenty-year plan! Through some gentle encouragement from some past board members, I agreed to put my name on the ballot. Fast forward a few years and here I am leading the organization with our great board of directors.

I've come to realize that by being involved in SEAO leadership it has enriched my professional career. I have a better understanding of the inner workings of various engineering committees both locally and nationally. I feel more connected and engaged in the industry, and the best part is I've had the opportunity to build relationships with other engineers that otherwise likely would not have happened.

If you have even had one smidge of interest in being part of the SEAO board, I would encourage you to take that leap and get involved. Feel free to reach out to Dusty, Jane, or any of the other board members if you have questions. Also, if you are doubting your qualifications let me be your beacon of light, because if I can do it (approval ratings undetermined) I am confident anybody can. Consider this my gentle encouragement to get involved with SEAO leadership.

Enough with my sales pitch. Last item I wanted to leave you all with is it sounds like the golf tournament is already getting strong interest from teams so be sure to register early. You have several months to tune up that golf swing.

Thanks,

David

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 <u>EMERGENCY RESPONSE (SEER)</u> 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 & Emma Olds eolds15@gmail.com

SE3 Annabel Shephard shep.annabel@gmail.com

CONTINUING EDUCATION COMMITTEE Seminars Andy Stember

andy@jasenginc.com <u>MEMBERSHIP COMMITTEE</u> Newsletter

Newsietter *JoMarie Farrell* jomarie@equilibriumllc.com

Roster Jane Ellsworth jane@seao.org

DELEGATES

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

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

APRIL CHAPTER VIRTUAL MEETING WEDNESDAY, APRIL 27, 2022, NOON-1:00 PM

Topic: Winner of the 2021 Excellence in Structural Engineering Award for New Buildings Between \$10 Million and \$40 Million: The Canyons

Description: The Canyons is a unique project born out of a commitment to use mass timber (CLT) in building structures typically dominated by more traditional materials. The five-story, 110,000-square-foot CLT-framed apartment building features a series of interconnected CLT bridges to allow ease of movement throughout the 70-unit building. The building provides retail and care-based services for residents who want to age-in-place and maintain an active lifestyle. The structure is a five-over-one podium with the



upper levels constructed of stick-framed wood walls, wood shear walls, and CLT roof and floor decks. The lower levels are PT slabs with concrete columns and shear walls. The CLT panel layout and configuration created an undulating outdoor corridor between wings of the building. To achieve this design, CLT panels were used in atypical span conditions requiring finite element modeling. Testing was conducting at Oregon State University to validate our models. In the end, the panels outperformed expectations and did not exhibit any signs of strain even after applying 3.5x the design loading. This \$21 million project opened up for residential living in Fall 2020.

Speakers from catena consulting engineers: Michael P. Clark, PE

Mike joined catena consulting engineers in 2016 and serves as a Project Engineer. He brings together thorough structural design work and a natural ability to coordinate and manage tasks and projects. Mike's project experience includes new design as well as renovations to existing occupied facilities to create modern environments. Mike earned his Bachelor of Science in Physics from The State University of New York, Geneseo and his Master of Science in Structural and Earthquake Engineering from The State University of New York, Buffalo. Working



from his home in Buffalo, New York, Mike enjoys camping, playing with his dogs and going to various brew pubs throughout his community.

Michael D. Poulos, PE, SE



Since joining catena consulting engineers in 2016, Mike Poulos has worked on the firm's largest and most complex projects. With 18 years of engineering experience, he brings extensive project management skills and an impressive ability to bring project details and design together. His collaborative design experience, project stewardship, and calm demeanor are immediate benefits for every project. Mike earned his Bachelor of Science in Civil Engineering from University of Davton and his Master of Science in Civil Engineering from University of Illinois,

Chicago. Outside of his project responsibilities, Mike can be found feeding the iconic Belmont goats, playing with his dogs, or Barbequing in his backyard.

Date: Wednesday, April 27, 2022 Time: Noon—1:00 pm

Sign-up: Register at <u>https://www.seao.org/events/apr2022/canyons</u> and a link will be provided via email the evening before the meeting for signing into the meeting

Cost:\$25 Member, \$35 Non-member, \$10 Affiliate MemberPDH Credit:1 PDH is recommended for this program.Questions:Contact Jane Ellsworth at jane@seao.org

SEAO COMMITTEE SPOTLIGHT: SE3

SEAO's newest committee has just turned one! The Oregon Chapter of Structural Engineering Engagement and Equity (SE3) was established in the Spring of 2021 following their approval by the SEAO Board. Their mission is to raise awareness and promote dialogue on professional practice issues to improve engagement and equity in our local structural engineering community.

This May, they will officially conclude their first year in operation. In celebration, we invited the committee to provide our members with an update on their progress and achievements made during their inaugural year:

- 1. **Recruiting a strong membership**. SE3 membership includes 16 members and two committee affiliates. Our member sign-ups and first elections were held this month, and we are proud to say our membership has remained strong and our team looks forward to continuing our work this upcoming year.
- 2. Completing groundwork to firmly establish SE3. This year we established our foundational documents and processes to prepare for our future work. We kickstarted several projects and created connections with SE3 national and member organizations across the country. This includes developing our relationship with our sister organization SEAOI's Women in Structural Engineering (WiSE) with whom we hosted a <u>Read.Watch.Listen</u> event centered on the recently published <u>SE3 2020 topic brief</u> on recruitment and retention in our industry.
- 3. Developing our Transparency Survey. Finally, we have been working on a transparency survey for structural engineers in Oregon to collect data on the compensation, benefits, and opportunities provided by employers in the state. We intend to use the data to empower engineers in the state by providing them with information needed to advocate for themselves and their colleagues.

Thank you for your support during this eventful year! If you are interested in signing-up to be a member, joining our mailing list to learn about upcoming SE3 events and opportunities, or have a question for our team please reach out to our Co-Chair Annabel Shephard at shep.annabel@gmail.com. To learn more about our parent organization please visit https://www.se3committee.com/.

OREGON ACI SEMINAR May 5, 2022

Topic: Troubleshooting Concrete Forming & Shoring Speaker: Kim Basham, PhD, PE, FACI KB Engineering, LLC, Senior Structural Engineer Time: 7:00 to 4:00 pm Location: Crowne Plaza Hotel, 14811 Kruse Oaks Drive, Lake Oswego, OR

One-day seminar for contractors and engineers. Attendees will learn tips and traps associated with form stripping and reshoring and will work through calculations for a reshoring problem. Instructor will address tolerances for vertical alignment and slope, slab deflections, balcony drainage issues, and tolerance incompatibilities with cladding materials. Expectations for formed surface quality will be covered with tips for minimizing surface effects such as bug holes that can lead to disputes. Attendees will also learn about different ascast form finishes, surface blemishes versus defects, and how to achieve forming economies and compute form pressures. Advanced topics such as one-sided wall forming, and forming cantilevers.

Registerat:https://oregonaci.org/meetinginfo.php?id=23&ts=1619552592

NEW MEMBERS

Welcome to our new Members:

April:

Brooke Whitsell – Timberlab Sam Downs – Hilti Allan Tompkins—Core Structures

WELCOME TO SEAO!

YMF UPDATE

YMF happy hours continue to be held in-person every third Thursday of the month.

March's happy hour was held at Rogue Eastside on March 17th, and a good group gathered to network and enjoy food and beverages together.



If you would like to be added to the email

distribution list that announces future YMF events to their members, please email ymf.seao@gmail.com. If you ask to be added and don't see emails from YMF, please check your spam folder as it is distributed as a mass email and some servers read them as spam until you add them to your "safe senders" list.

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, 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.

FEMA/ATC FREE WEBINAR Tuesday, April 26, 2022, Noon PDT

Topic: FEMA P-2139, Short Period Building Collapse Performance and Recommendations for Improving Seismic Design.

This webinar will provide an overview of a seven-year investigation into the short-period building seismic performance paradox that resulted in the FEMA P-2139 report series. The session will summarize key findings and the resolution of the short-period paradox and will present recommendations for improved seismic design codes, standards, and practice.

Register at: <u>https://us02web.zoom.us/webinar/register/</u> WN rh2UXP5cSziHyCSXVe7LnQ.

NCSEA UPCOMING WEBINARS

April 19th, 2022, 10 am PDT CalOES Safety Assessment Program—Day 1

Speakers: Derek Hanson, PE & Klaus Perkins, PE, SE Assessment is based on ATC20/45 methodologies and forms.

April 20th, 2022, 10 am PDT CalOES Safety Assessment Program—Day 2

Speakers: Derek Hanson, PE & Klaus Perkins, PE, SE Final day of training program started on April 19, 2022...

April 21st, 2022, 10:00 am PDT Shotcrete in Concrete Codes and Standards

Speaker: Charles Hanskat, P.E. is a fellow member of ACI, ASCE, and the Florida Engineering Society. He is Executive Director and Technical Director for the American Shotcrete Association.

June 14th, 2022, 10 am PDT <u>Fire-Resistance Design of Mass Timber and Connections per</u> 2021 IBC

Speaker: John "Buddy" Showalter, PE

Buddy is a senior staff engineer with the ICC product development group. He develops technical resources in support of the structural provisions of the IBC.

Visit NCSEA's website <u>http://www.ncsea.com/education/</u> webinars/ to view all upcoming webinars.

2022 SEAO EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS

The SEAO website is now accepting entries for 2022 SEAO Awards. Visit the <u>seao.org</u> website, login, and select the SEAO Award Submission button. Make sure you enter the "Work in Progress" section and you will be ready to go. Remember, you can work on your entries over the course of several days or even months.

The judges have requested that entrants be as descriptive as possible about their structural aspects of the project.

We want to see what you have been working on! Start thinking about a project or projects you want to enter.

SEAO/OACI ANNUAL GOLF TOURNAMENT WEDNESDAY, AUGUST 10, 2022



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

Langdon Farms Golf Club 24377 Airport Road NE, Aurora, OR

Once again, SEAO and OACI combine forces for a return engagement of golf and merriment at Langdon Farms Golf Club in Aurora, Oregon! Located just 15 miles south of downtown Portland, Oregon, it is consistently rated highly among the best rated golf courses. Golf writers from around the country have recognized Langdon Farms Golf Club as a truly unique golf experience. Noted architects Bob Cupp and John Fought designed the course with dynamic mounding, strategic bunkering, and well-placed water features that make the links-style golf course stand out. Participants will <u>all</u> 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. Raffle tickets, green fee, golf cart, 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 9 and 10 for registration for golf and sponsorships. Come join us for a festive and fun day of golf.

SEAO SEER UPDATE BY: DAVID TARRIES, PE, SE

The Office of the State Fire Marshal is still working on developing the OrSAP program. They now have two employees and are working hard to coordinate with the Office of Emergency Management and the Building Codes Division. I hope to have more news to share on that soon. As the program develops, I hope to provide a short online course for individuals with CalOES SAP and WAsafe certification to easily get enrolled in OrSAP.

There are a few training options open for those that are interested:

The National Earthquake Technical Assistance Program (NETAP) has ATC-20 training on Tuesday, May 24, 2022. It should be free to residents of Oregon and Washington. The course should be remote online. A copy of ATC-20 should be mailed to registrants. Completion of the course does not provide any official certification, but proof of attendance could be used to apply for OrSAP or other credentialing programs in the future. If you are interested, please email David Tarries at <u>seer@seao.org</u>. I will need to request additional information from Washington State's Emergency Management Division or Oregon's Office of Emergency Management. I do not have complete details on this course at this time, though it has been well done in years past.

NCSEA is offering and online CalOES SAP training on April 19 and 20, 2022. The course will start at 10am and will last 3 hours each day. The webinar has pricing starting at \$75 per person for 1 to 5 people and got down to \$45 for 11 or more with a \$60 price point in-between. In the future this course could be used to apply for OrSAP registration after watching an online Oregon -specific refresher. Completing the course will enter applicants into the CalOES SAP system, and they will mail a credential ID card based on technical qualifications (state licensure). If you are interested, please email David Tarries at <u>seer@seao.org</u>.

If there are any other questions about SEER or OrSAP, please email seer@seao.org.

EMPLOYMENT OPPORTUNITIES

<u>CATENA ENGINEERS</u> 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 <u>http://</u> www.catenaengineers.com/opportunities.php

VLMK ENGINEERING + 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 <u>www.vlmk.com</u> for additional requirements and the benefits of joining VLMK. If you have questions, please contact Trent Nagele at trent@vlmk.com.

HOLMES STRUCTURES Structural Engineer Portland, OR Seattle, WA

Holmes is a structural and fire engineering firm, with offices in San Francisco, Los Angeles, Portland, and Seattle. We are part of the New Zealand based <u>Holmes</u> <u>Group</u>, with offices around the Pacific Rim. Compelled by the possibilities, we are relentlessly pursuing Why – to create what is Best.

We are seeking Engineers for our San Francisco, Los Angeles, Portland and Seattle offices. Candidates must be fast learners, ambitious, have the ability to handle increased responsibilities, have excellent verbal and written communication skills, and be able to interact effectively with clients, project teams, and colleagues. We are looking for all levels of Engineers.

Check us out at <u>www.holmes.us</u>. INTERESTED IN JOIN-ING US? PLEASE visit <u>Holmes - Career Page</u> TO SUBMIT AN APPLICATION.

SMG ENGINEERS

Structural Engineer Beaverton, OR Missoula, MT

SMG Engineers is a consulting design firm with a focus on heavy industrial and construction engineering. We are looking to add a structural engineer to our skilled team of dedicated, innovative professionals whose intelligent, cost-effective designs, and excellent service have earned SMG a highly respected reputation in the field of engineering. The number of long-term employees at SMG reflects a high level of job satisfaction.

SMG is looking for a licensed PE for our Missoula, MT or Beaverton, OR office. Strong communications skills are a must and graduate level Structural Engineering degree with a SE license is preferred. SMG offers a competitive wage, bonus, and benefit package in a familyfriendly work environment. If you are interested in a career at SMG, please send a resume to smg@smgengr.com.

EMPLOYMENT OPPORTUNITIES (CONT.)

MD STRUCTURAL ENGINEERING Structural Engineer Vancouver, WA

MD Structural Engineering, Inc. is an expanding structural engineering firm, located in downtown Vancouver, WA. 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

CITY OF PORTLAND

Structural Engineer Portland, OR

The City of Portland, Bureau of Development Services is seeking a Structural Engineer

Engineers at BDS review the structural portion of permit applications to ensure compliance with applicable codes and regulations that include a full range of commercial and residential structures.

Qualifications: Candidates must be Registered Professional Civil or Structural Engineers with an extensive background in structural engineering.

City of Portland offers competitive compensation and an excellent benefit package that includes an insurance plan with coverage for medical, dental, vision, life, and longterm disability; generous vacation and sick leave accrual benefits; several paid holidays; City-paid retirement contributions; and an employee-paid Deferred Compensation Plan.

For more information or **TO APPLY**, please visit www.portlandoregon.gov/jobs.

Deadline to Apply: April 25, 2022



WHEN:

DATE: Wednesday, August 10th 1:00PM SHOTGUN START: SOCIAL HOUR: 6:00PM DINNER & AWARDS: 6:30-7:30PM

NHERE:

Langdon Farms Golf Club 24377 Airport Rd NE Aurora, OR 97002 Phone: (503) 678-4653

TOURNAMENT:

4-Player Team Scrambles

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

EVENT DETAILS:

This year, OACI and SEAO will be hosting the 2022 Golf Tournament at the premiere Portland area Golf Club, Lanadon Farms!

Langdon Farms Golf Club remains, as stated at the entrance, "Public Only." For several years, the course hosted the local US Open qualifier where the lowest

Appropriate "Country Club"attire is required:

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

all-time score was 67, 4 under par. In 1995, noted architects Bob Cupp and John Fought designed Langdon Farms with dynamic mounding, strategic bunkering, and well-placed water features that make their links-style golf course stand out. The 18-hole "Langdon Farm" course features 6,935 yards of golf from the longest tees for a par of 71. The course rating is 73.3, and it has a slope rating of 125 on Blue grass.

HONTAGE:

Jane Ellsworth ph: (503) 753-3075 em: jane@seao.org **RETURN THIS ENTRY FORM BY JULY 7th TO:** SEAO PO BOX 2958 Vancouver, WA 98668

**** NO REFUNDS FOR CANCELLATIONS AFTER JULY 7th ****

Choose one...

PAR LEVEL: \$175/player

(Includes 2 raffle tickets, green fee, golf cart, driving range, dinner, and Team items*)

Bl
(In

RDE LEVEL: \$195/player

(Includes 7 raffle tickets, green fee, golf cart, driving range, dinner, and Team items*)

*Included with every team registration: 4 (four) Mulligans total (1 per player) and 1 (one) Five-Foot String, per Team.

	Player Names	Member	ship Payn	nent Enclosed
		□seao □]OACI <u>\$</u>	
		□seao c	10ACI \$	
		□seao d]OACI \$	
		□seao □]OACI \$	
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:		

GOLF TOURNAMENT COREGON CHAPT

Company Name:				
Contact Name:		-		
Phone:	Fax:	-		
Email:		-		
HOLE SPONSORSH	P (choose any or all of the following)			
HOLE SPONSORSHIP - \$275	PAR-3 SPONSORSHIP - \$750 Set your company up near Dinner SPONSORSHIP - \$3,000			

aann

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

1115

1:00 PM SHOTGUN START

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:

ADDITIONAL SPONSORSHIPS

LD/KP/Long Putt Hole Sponsor \$150	Sponsor Provided Raffle Prize: (ex: Sport Event Seats, Electronics, Golf Gear, Gift Cards, etc) (If you would like to sponsor by providing your own Raffle Prize, please list and describe any prizes below.)	
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 th Hole Sponsor \$250		
(Host keg of Micro-brew)	Please Return This Form A.S.A.P. to:	
Golf Cart Sponsor SOLD OUT \$200 (Host the golf carts with a sign in each cart with your company name)	SEAO PO BOX 2958 Vancouver, WA 98668	
Pay By MAIL: Check Included	TOTAL: \$	
Name: As it appears on Credit Card	Contact Phone #:	
Credit Card #:		
Credit Card Exp Date: 3-Digit Cod On back of Credit C	e: Billing Zip Code:	