

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 Website: www.seao.org

PAGE # IN THIS ISSUE: President's Message 2 3 May Meeting Notice Member Spotlight, YMF Update, New Members, & Ask a Question 4 NCSEA Webinars 5 Golf Tournament, OSBEELS Update, & 2022 Awards Program Info 6 Employment Opportunities 7-8 Golf Flyers 9-10

CONNECTIONS

May 2022 Volume 22 Issue 7

Upcoming SEAO Meetings and Events:

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 1:30 pm Location: Virtual PDH: 1.5 Hour (no credit to Affiliate Member)

Various Dates May 19 through July 28, 2022: NCSEA Webinars

Time: 10 am PDT Cost: Varies as some are free and other are for a fee. See Page 5 for Additional Information

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 is Moving Chapter Meeting Dates to Tuesdays Earlier in the Month starting in September 2022—Save the Following Dates for Future Meetings. SEAO will also be moving to in-person meetings starting September 2022

Tuesday, September 13, 2022: In-Person Lunch Meeting Tuesday, October 18, 2022: In-Person Awards Dinner Banquet Tuesday, January 10, 2023: In-Person Lunch Meeting Tuesday, February 14, 2023: In-Person Lunch Meeting Tuesday, April 11, 2023: In-Person Tradeshow & Mini-Seminars

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 dusty.andrews@kniferiver.com, 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).

Linked in

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



Have you ever asked yourself what do I get out of being a member of SEAO? If you've ever had that thought, I'd encourage you to take the opportunity to get involved. Join a committee, attend a YMF happy hour, or join the board of directors. The more you put into an organization, beyond annual dues, the more you will get back. In my short time on the board, I've made personal and professional relationships that I wouldn't have otherwise, and I have a better understanding of the current state of engineering within Oregon, but also nationally through NCSEA.

NOW IS THE TIME TO GET INVOLVED! We are actively seeking nominations for the following positions: Vice President, Secretary, Treasurer, and Director. You don't need any prior experience, and the time commitment is not overwhelming. Please contact Jane (jane@seao.org) with any nominations of yourself or colleague.

Last year SEAO started a Structural Engineering Engagement and Equity (SE3) committee with some kick starter funds from NCSEA. That group led by Annabel Shepard has been hard at work with pushing initiatives through. It's also exciting to see that our SE3 committee is going to be doing a "show & tell" webinar hosted by the national SE3 committee that is featuring various state efforts throughout the country. If you are interested in getting involved in this new group, please reach out to SEAO leadership.

Our last monthly meeting before a summer hiatus is upcoming later this month with a presentation on the initial investigation of the Surfside Condo collapse. It was just announced in the news recently that a \$1B settlement is pending for the victims. As engineers it is our responsibility to learn from events like this and look for changes that we can make to our design practices for more resilient buildings in the future. This presentation will go into a forensic analysis to help demonstrate some of the likely causes of the collapse.

The golf tournament is filling up fast! Only six team spots remain, and it's probably less then that by the time this newsletter hits your inbox.

Cheers,

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 MEMBERSHIP COMMITTEE

Newsletter 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

MAY CHAPTER VIRTUAL MEETING WEDNESDAY, MAY 25, 2022, NOON-1:30 PM

Topic: Initial Investigation into the Partial Collapse of the Champlain Towers South (CTS) Building in Surfside, Florida

Description: On June 24, 2021, the Champlain Towers South building in Surfside Florida collapsed without warning. The initial collapse occurred outside of the building tower, in the pool deck region. Seven minutes later, the central portion of the building collapsed; the eastern portion of the building collapsed quickly after that. The western section of the building remained standing. Professor Lehman worked with an investigative journalist team at the Miami Herald led by Sarah Blaskey to investigate the partial collapse using tools and technologies she had developed through her research on seismic evaluation of existing buildings and design of new concrete connections. The primary objective of the investigation is to understand how initial damage in a pool deck could lead to partial collapse of this flat-plate cast-in-place reinforced concrete structure with an eye towards improving evaluation methods for these structures. This talk will address the building collapse using: (1) time-line of the collapse as reported by witnesses, (2) building damage photographs and videos, (3) building plans and repair drawings and permits, and (4) advanced nonlinear finite element analyses of the Level 1 slab to investigate possible initiation points and progression of damage.

Speaker: Dawn Lehman, PhD

Dawn Lehman is a Professor of Civil and Environmental Engineering at the University of Washington. She received her BS from Tufts University in 1989 and her PhD from U.C. Berkeley in 1998. She worked as a structural engineer in Boston, MA between these degrees. She has been a faculty member at the University of Washington since 1999. Her research expertise lies in seismic engineering of structural systems. She has conducted research on a range of systems including reinforced concrete walls and frames, steel



braced frames, as well as concrete-filled-tube, precast, and reinforced-concrete bridge systems. Her research results have been implemented in codes, design manuals, and provisional structural engineering recommendations, including AASHTO, AISC, WSDOT BDM, Caltrans SDM, and ASCE 41. She has authored over 100 peer-reviewed research articles. She led the technical investigation of the partial collapse of Champlain Towers South as a consultant to the Miami Herald.

Date: Wednesday, May 25, 2022 Time: Noon—1:30 pm

Sign-up: Register at <u>https://www.seao.org/events/may2022/surfside-collapse</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: 1.5 PDH is recommended for this program.Questions: Contact Jane Ellsworth at jane@seao.org

MEMBER SPOTLIGHT AMIT KUMAR, P.E., S.E.

YMF UPDATE



This month's SEAO member spotlight is Amit Kumar. Amit has been an active participant within SEAO for many years, most recently participating as our NCSEA alternate delegate helping with outreach between SEAO and NCSEA. In addition, Amit is an active participant on the Building Codes committee and has been working diligently

with that committee in reviewing the forthcoming adoption of the 2022 OSSC. Amit has been on the board of directors as vice president, president, and past president.

Amit obtained his Bachelor of Science from the Birla Institute of Science in India, and subsequently got his Master of Science from the University of Washington. Following graduation Amit began his career with KPFF from 1988 to 1999 before transitioning to the City of Portland's Bureau of Development Services. He has worked as a structural plans reviewer since 1999 and is now the Engineering Plan Review Section Manager. During his time away from work, Amit enjoys traveling abroad with his family. He stays active by playing competitive badminton and swimming. In addition to competing, he officiates at swim meets.

SEAO appreciates all the effort that Amit has put in to help make this organization successful. In talking with Amit, he encourages everybody to get involved, as the more you put in, the more you will get out of SEAO. Thank you, Amit, for your hard work!

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 <u>jane@seao.org</u>, 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.



YMF happy hours continue to be held inperson every third Thursday of the month.

April's happy hour was held at a board game bar. The next gathering will be on March 19th.

If you would like to be added to the email

distribution list that announces future YMF events to their members, please email <u>ymf.seao@gmail.com</u>. 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.

NEW MEMBERS

Welcome to our new Members:

May:

Christopher Carroll—Mackenzie Khang Li—IMEG Jodie Buchholz—Coffman Engineers Lars Anderson—Stanley Black & Decker John Murphy—Catena Consulting Engineers

WELCOME TO SEAO!

May 19, 2022, 10 am PDT (Fee for Webinar) <u>Failure Investigation of South Florida Pedestrian Bridge Col</u>lapse

Speakers: Perry Pinto, PE & Bradley East, PE

The presentation will discuss the design of the bridge, the status of construction immediately prior to the collapse, the on-site investigation and analysis performance to determine the cause and original of the failure, the NTSB findings, and the results of the NTSB investigations.. (1 PDH)

May 26, 2022, 10 am PDT (FREE Webinar)

2nd Annual Structural Engineering Innovation & Excellence— New Buildings Over \$20 Million: Rainier Square

Speaker: Ron Klemencic, PE, SE, Mangusson Klemencic Associates. (1 PDH)

May 31, 2022, 10 am PDT (Fee for Webinar) Loving Your Local Mason

Speaker: Donald Harvey, PE, Associate Vice President at Atkinson-Noland & Associates. (1.5 PDH)

June 2, 2022, 10:00 am PDT (FREE Webinar)

<u>2nd Annual Structural Engineering Innovation & Excellence</u> <u>New Buildings \$30 to \$80 Million:</u>

DC Southwest Library: Speaker: Leif Johnson, PE, SE, StructureCraft.

Red Rocks Amphitheater Stage Roof Replacement: Speaker Chris Adams, PE, Martin/Martin, Inc.. (1.5 PDH)

June 9, 2022, 10:00 am PDT (FREE Webinar)

<u>2nd Annual Structural Engineering Innovation & Excellence—</u> <u>Bridge/Transportation/Other Structures:</u>

State Route 99 Alaskan Way Viaduct Replacement Program: Speaker: Yang Jiang, PhD, PE, SE, HNTB Corporation. Little Island: Speaker Yong-wood Jo, PE, ARUP. (1.5 PDH)

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

Speaker: John "Buddy" Showalter, PE, ICC

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.

June 16, 2022, 10:00 am PDT (FREE Webinar)

2nd Annual Structural Engineering Innovation & Excellence— Forensic/Renovation/Retrofit/Rehabilitation Structures > \$20 Million:

Savannah Plant Riverside Project: Speakers: Nathan Watson, PE, SE and Martin Ocon, PE, Browder + LeGuizamon and Associates.

Syracuse University Stadium—New Roof Project: Speaker David Campbell, PE, Geiger Engineers. (1.5 PDH)

June 21, 2022, 10 am PDT (Fee for Webinar)

An Adaptation of the Uniform Force Method:

Speaker: Fafael Sabelli, SE, Walter P Moore. (1.5 PDH)

June 23, 2022, 10:00 am PDT (FREE Webinar)

2nd Annual Structural Engineering Innovation & Excellence— Forensic/Renovation/Retrofit/Rehabilitation Structures < \$20 Million and New Buildings \$30 Million to \$80 Million:

Alberta Bair Theater: Speaker: Dane Jorgensen, PE, SE, and Joel Anderson, AIA, Cushing Terrell

Taiyuan Botanical Garden Domes: Speaker Lucas Epp, P.Eng., StructureCraft. (1.5 PDH)

July 28, 2022, 10:00 am PDT (Fee for Webinar) An Overview of Non-destructive Testing Techniques:

Speaker: Bernard Schulze, Metallurgical Engineer, WJE. (1.5 PDH)

If you need to supplement your PDH hours, NCSEA offers at least 25+ high-quality live webinars on a variety of topics each year. Speakers are experts in their field, and course content is practical, accurate, and timely. *Each webinar awards 1.0-2.0 hours of continuing education.* Most NCSEA webinars, excluding non-technical topics, are *Diamond Review-approved in all 50 states.* These webinars can be purchased individually or as part of a yearly subscription plan.

Visit NCSEA's website http://www.ncsea.com/education/ webinars/

to view all upcoming webinars and to learn how to sign up for their subscription service.

Your SEAO membership includes your membership in NCSEA. Visit their website to gain invaluable knowledge of what is going on around the country, upcoming events, educational opportunities, publications, national awards, and many other resources.

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.

OSBEELS UPDATE

The Oregon State Board of Examiners for Engineering & Land Surveying (OSBEELS) has issued their spring issue of <u>*The Oregon Examiner*</u>. In this issuance they cover:

- Exams & License Application Process Decoupled
- Director's Corner: OSBEELS' office reopened to the public on May 1, 2022. Appointments are to be made in advance as staff works a hybrid schedule which includes both office and work-from-home time.
- Board Seeking to Fill Vacancies
- 2022 Symposium is set for September 29 and 30, so save the date. Registration opens on August 1.

FYI: If you are a licensed professional with last name beginning with S-Z, your renewal deadline is June 30th.

Visit <u>https://www.oregon.gov/osbeels/news/Pages/Oregon-</u> Examiner.aspx to see the full document.

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.

Projects shall have been completed in 2021 or 2022 for consideration.

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. The deadline for entry is **August 19, 2022**.

The Awards dinner banquet will be held on Tuesday, **October 18**, **2022**.

EMPLOYMENT OPPORTUNITIES

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

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.

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 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 JOINING US? PLEASE visit <u>Holmes - Career Page</u> TO SUBMIT AN AP-PLICATION.

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 family-friendly work environment.

If you are interested in a career at SMG, please send a resume to <u>smg@smgengr.com</u>.

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

Visit <u>https://www.mdstructural.com/</u> to learn more about MD Structural Engineering, Inc. Please send resumes to: <u>noot@mdstructural.com</u>

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 <u>trent@vlmk.com</u>.

SIMPSON STRONG-TIE Field Engineer Portland, OR

For over 60 years, Simpson Strong-Tie employees have fostered a collaborative workplace where team members are engaged in creative thinking to make things better and do it right. If career growth is important to you, come join us!

Apply here: https://strongtie.wd1.myworkdayjobs.com/ External/job/Portland-OR/Field-Engineer---Structural--Oregon- R3214

THE JOB:

- Provide technical support for <u>all</u> Simpson Strong-Tie Commercial and Residential products
- Use product knowledge & experience to develop solutions
- Conduct presentations
- Foster relationships with engineering firms
- Work closely with Sales team to identify and support sales

DESIRED EXPERIENCE:

- Oregon P.E. license required.
- B.S Civil/Structural Engineering
- Practical construction knowledge of concrete, light-gauge & structural steel, and wood
- 5 years minimum commercial design experience

Other helpful skills: customer focused attitude, selfmotivated, great communication skills, enthusiastic approach, and ability to work well with others



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	Payment 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:	