

ASCE Monthly Newsletter

COLUMBIA SECTION

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Visit us on the Web!
www.ascecolumbia.org

Since October 10, 1950

May 2013

Columbia Section Monthly Meeting

Date:	May 29, 2013
Place:	Snipes Mountain Brewery and Restaurant— Directions 905 Yakima Valley Hwy, Sunnyside WA 98944
Meal:	Order Off of Limited Restaurant Menu
Topic:	Structural “Secrets” Behind Seattle’s Newest Landmarks
Speaker:	Jon Magnusson
RSVP to:	Register online through the ASCE Columbia Section Website. Or contact Teresa Peterson (509) 546-2046 teresa.peterson@hdrinc.com

Greetings,

We’re in the home stretch before we take our summer vacation and I’m really excited about this month’s speaker and topic. We welcome Jon Magnusson of Magnuson Klemenic Associates of Seattle. Their company has completed more than \$73 billion in 47 states and 51 countries. Significant projects in their history include the World Trade Center, the Columbia Center (76 story Seattle—not to be confused with our Tri-Cities Columbia Center), Aqua (82 story Chicago), Doha Convention Center Tower (1808’ tall in Qatar), and the Olympic Sculpture Park in Seattle. We meet in Sunnyside jointly with the Yakima Branch and also the SEAW chapter of structural engineers.

At this month’s meeting we also get to honor our latest inductees of Section Life Members. Requirements include reaching 65 years of age, paying dues for at least 35 years, and have 10 years of continuous dues paying prior to attainment of becoming a life member. This year’s life members are: John Engeman, Alan Meyer, Jedd Starkey, Paul Wemhoener, and Jeffrey Stevens. Congratulations on reaching this milestone!

The new Section website is live at: www.ascecolumbia.org, let us know what you think of it so far! We still have some work to do, but we’re making good progress considering that we are a volunteer run organization. If you would like to volunteer your time advancing our profession as a local Section leader, please let me or any other officer know. We will be having elections for next year’s officers at our June meeting.

Sincerely,



Paul Knutzen, PE, LEED AP BD+C
ASCE Columbia Section President

The deadline for the
June 2013 issue is
Friday, June 7, 2013
columbiaascenews@gmail.com



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Have you downloaded ASCE's 2013 Report Card?

If you care about the economy, jobs, or your quality of life, then you care about the grades ASCE has given the nation's infrastructure. Download [the 2013 Report Card for America's Infrastructure](#) now for your iPad or Android tablet device, and have the facts with you wherever you go.

PRESIDENT'S BLOG

2013 President Greg DiLoreto regularly shares observations and insights on what's happening in civil engineering and at ASCE. [Read and respond to Greg's latest post.](#)

- Greg urges you to read a persuasive article by an ASCE Younger Member that speaks to college students and recent graduates about the benefits of ASCE membership.

WA State Board of Licensing Workshops Scheduled for May

The board has proposed rule changes to clarify the definition of land surveying and create guidelines for the use of electronic documents and signatures. To give you an opportunity to comment on these proposals, we're presenting [a series of workshops around the state in May](#). If you can't attend a workshop, you can email us your comments.

Read "Licensure Exchange", the official NCEES Publication.

[Read the latest issue of Licensure Exchange](#), the NCEES publication dedicated to opinions and ideas regarding the licensure of engineers and surveyors.

ASCE Volunteerism

Be a leader in the profession...and your community.

ASCE gives you the opportunities to volunteer your civil engineering skills and make a difference at home and abroad. [Find out how you can volunteer.](#)

Massive Equine Statues Require Engineering Finesse

Engineers work with a Scottish artist to create the tallest equine sculptures in the world. The works will be part of a new park in Falkirk, Scotland. [See the article.](#)

Check out some images of the Tunnel Boring Machine affectionately known as Bertha.

[See the images.](#) "This machine was built specifically for the soils beneath Seattle," said Chris Dixon, Seattle Tunnel Partners project manager. "We are on track to start tunneling this summer and to open the tunnel to traffic in late 2015."

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Branch News

Volunteer T-Shirts!
For those able to attend future volunteer events we will have T-Shirts available to wear. If you like them, you can purchase one for \$15 to wear your ASCE volunteering pride around.

Please Take Our Short Survey
If you have not had an opportunity to, please take 2 minutes to complete this short, 4 question survey.

ASCE Yakima Branch Survey

**Upcoming
Volunteering
Opportunities**

City of Yakima
May 18, 2013, 8AM—4PM
906 Rainier St. Yakima, WA
Exterior painting of Senior housing and neighborhood cleanup. Please RSVP with Jason Ingalls. Thank you for volunteering!

Yakima Branch Monthly Meeting

The next meeting will be a Joint Meeting with the Columbia Section:

Date: Wednesday May 29, 2013
Place: Snipes Mountain Brewery and Restaurant—[Directions](#)
905 Yakima Valley Hwy, Sunnyside, WA, 98944
Meal: Food and drinks can be purchased directly from the menu
Topic: **Structural "Secrets" Behind Seattle's Newest Landmarks**
Speaker(s): **Jon Magnusson, PE, SE—Magnusson Klemenci Associates**
The event is scheduled from 6:00 PM to 8:30 PM.

Please RSVP through **Constant Contact**

Structural "Secrets" Behind Seattle's Newest Landmarks

Come join us this month in Sunnyside for a very special treat. This month we partner up with the local Structural Engineers Association of Washington (SEAW) and the Columbia Section to bring you world-renowned structural engineer Jon Magnusson of the firm Magnusson Klemenci Associates. He will speak to us about the Structural Engineering "Secrets" Behind Seattle's Latest Generation of Landmarks (i.e. - Seattle Library, Seahawks Stadium, Mariners Ballpark, Benaroya Hall, etc.) We will also honor this year's class of Columbia Section Life Members! This is one not to miss!

Majority of U.S. Rivers Unable to Support Life

More than half of the nation's rivers and streams are in poor condition, according to a new report from the U.S. EPA. Read more about this in an [online article from the ASCE Civil Engineering Magazine](#). The EPA detailed its findings in a 110-page report entitled *National Rivers and Streams Assessment 2008–2009: A Collaborative Survey*.



Dutch Engineers Unveil Bladeless Windmill

The bladeless windmill's developers believe their creation may offer a more palatable alternative to conventional wind turbine farms, which the Dutch public has rejected because of their operating noise, blade shadows, and aesthetics. Read more about this in an [online article from the ASCE Civil Engineering Magazine](#).



Member Benefit of the Month: Newsletter on the History and Heritage of American Civil Engineering

Courtesy of the ASCE Section Informant
You don't want to miss the new member-only benefit from ASCE! The [Newsletter on the History and Heritage of American Civil Engineering](#) is now a Web-based newsletter. Archived issues are also available in PDF format. This bi-monthly publication explores the history of the profession – how it has influenced the development of this country and the world. Members will find short articles on great projects and the people who built them. [View](#) the latest issue today.

ASCE | **MEMBER
BENEFITS**

2013 Harold Sorensen Golf Tournament

presented by:
Washington State University
American Society of Civil Engineers (ASCE)
&
Associated Students of Construction
Management (ASCM)



Palouse Ridge Golf Course
Pullman, WA
Date: Friday, September 6th
Format: 4 – person scramble

Event Schedule

12:30 PM – 1:30 PM

1:30 PM

1:30 PM – 6:30 PM

6:30 PM – 8:00 PM

Registration and Access to Practice Facilities

Shotgun Start

Golf

BBQ and Awards Ceremony



The entry fee for the tournament is **\$100 per person or \$400 per foursome**, which includes greens fees, golf cart, prizes, BBQ dinner and awards ceremony. If your company has trouble fielding an entire foursome we can set you up with interested students to fill out your team. This could be used as a great recruiting tool and would allow you to meet students in an informal setting. Remember, all proceeds from this event will go toward the WSU ASCE and ASCM student chapters to support the many student run activities that the clubs participates in throughout the year.

SIGN UP TODAY! Please complete the registration form below and return to:
Washington State University ASCE
Sloan Hall Rm. 101
Pullman, WA 99164-2910
Attn: Dr. Shane Brown

Please confirm your attendance to Shane Brown, ASCE Faculty Advisor at
shanebrown@wsu.edu or (509) 335-7847 by **Friday, August 9th**

2013 Harold Sorensen Golf Tournament Sponsorship Opportunities

presented by:

**Washington State University
American Society of Civil Engineers (ASCE)
&
Associated Students of Construction Management (ASCM)**

The Palouse Ridge golf course on the Washington State University campus is a championship golf course and is stirring praise from golf course critics. Palouse Ridge was recognized by Golf Digest as the 2nd best new course to play in the country and is the 3rd best college golf course in the country. The course was designed by John Harbottle III, one of the top golf course architects on the West Coast. Harbottle has earned praise for the playability and environmental sensitivity of his creations.



Be a proud sponsor of the WSU ASCE and ASCM student chapters.

Platinum Sponsor - \$1500

Sponsor the dinner for all golfers *OR* tee prizes for all participants. You will receive 4 WSU ASCE/ASCM golf shirts, 4 complementary rounds of golf at Palouse Ridge (for future use!) and your company name and logo will be on a large banner at the dinner and on the first hole.

Gold Sponsor - \$1000

Sponsor drink/snack tickets for all participants *OR* prizes for the golf tournament. You will receive 4 WSU ASCE/ASCM golf shirts and your company name and logo at the registration table or the prize table.

Silver Sponsor - \$500

Sponsor \$100 closest to the hole prize and prizes for hitting the green. You will receive a hole sponsorship sign, 1 WSU ASCE/ASCM golf shirt and the individual measuring closest to the hole will wear your company shirt.

Hole Sponsor - \$250

Sponsor a hole and your company name and logo will be on a sign on one of the holes during the tournament.

Student Sponsor - \$100

Sponsor a student and have the opportunity to interact with a civil engineering or construction management student and be recognized as a student sponsor on a poster on the 1st hole

Please contact Shane Brown (shanebrown@wsu.edu, 509-335-7847)

Registration Form

2013 Harold Sorensen Golf Tournament

presented by:

**Washington State University
American Society of Civil Engineers (ASCE)
&
Associated Students of
Construction Management (ASCM)**



**Palouse Ridge Golf Course
Pullman, WA**

Date: Friday, September 6th

Player #1 (Team Captain)

Contact Name: _____ Title: _____

Organization: _____

Phone: _____ E-mail: _____

What is your USGA handicap index? _____

If you don't have a USGA handicap, what is your typical score for 18 holes? _____

Player #2

Name: _____ USGA handicap index? _____

If you don't have a USGA handicap, what is your typical score for 18 holes? _____

Player #3

Name: _____ USGA handicap index? _____

If you don't have a USGA handicap, what is your typical score for 18 holes? _____

Player #4

Name: _____ USGA handicap index? _____

If you don't have a USGA handicap, what is your typical score for 18 holes? _____

****Note:** If you cannot field a complete team and would like to sponsor and play with students as part of your foursome please indicate STUDENT in the name field and we will match you with interested students.

Payment Information:

The Entry Fee is \$400 per team or \$100 per player, which includes greens fees, golf cart, prizes, BBQ dinner and awards ceremony.

Please make all checks payable to Washington State University ASCE. Thank you!

Return completed form to:

Washington State University ASCE
Sloan Hall Rm. 101
Pullman, WA 99164-2910
Attn: Dr. Shane Brown

Please confirm your attendance to Shane Brown,
at shanebrown@wsu.edu or (509) 335-7847 by **Friday, August 9th**