

ASCE Region 8 - May 2017 Newsletter



"advance the Civil Engineering profession by serving the members of Region 8 as an extension of the Board of Direction"

Hello Everybody!

CONGRATULATIONS to all graduating Civil Engineering Students. You have arrived at another check point in life's journey. And, thank you to the many faculty members of our fine colleges that have spent the last four or five years providing these students with the tools to be our next generation of engineers and leaders.

Activities at ASCE have been rather calm, except for members and staff that have been working on the 2018 budget which they have completed. It is now being prepared for presentation at the July ASCE Board of Direction meeting. This was not an easy task and there was a lot of time required by the Committee members. For those of you that serve on the ASCE Programs and Finance Committee, "Thank You!"

The Student Regional Competition Conferences have been completed. Next on the agenda is the National Steel Bridge and Concrete Canoe Competition. The Steel Bridge Competition will be at Oregon State University, Corvallis, OR - May 26-27. The Concrete Canoe Competition will be at Colorado School of Mines, Golden, CO - June 17-19.

The top three Student Regional Conference winners of the Steel Bridge and Concrete Canoe, for the four Student Regional Conferences that the schools within Region 8 participated are:

Pacific Northwest Student Conference Steel Bridge

- 1st - University of Alaska Fairbanks
- 2nd - University of British Columbia
- 3rd - Oregon State University

Canoe

- 1st - University of Washington
- 2nd - Oregon State University

3rd - University of British Columbia

Rocky Mountain Student Conference Steel Bridge

1st - Brigham Young University

2nd - Colorado State University

3rd - South Dakota School of Mines & Technology

Canoe

1st - South Dakota School of Mines & Technology

2nd - New Mexico State University

3rd - Colorado State University

Mid-Pacific Student Conference Bridge

*1st - University of California, Berkeley

*2nd - Tongj University (China)

3rd - Hohai University (China)

Canoe

1st - Tongji University (China)

2nd - University of California, Berkeley

3rd - University of Nevada, Reno

Pacific Southwest Student Conference Bridge

1st - California Polytechnic State University, San Luis Obispo

2nd - California State University, Northridge

3rd - California State Polytechnic University, Pomona

Canoe

1st - California Polytechnic State University, San Luis Obispo

2nd - University of California, Los Angeles

3rd - California State University, Northridge

Notes:

For the Steel Bridges, the top three teams from each conference will go to Nationals except for Mid-Pac where only the top two (*) will be going because only eleven teams competed in that conference.

For the Concrete Canoe, only the first-place team from each conference will move forward to National.

The student teams and support members are all winners in my eyes due to what they achieved with their designs, construction, and positive attitudes in everything they did. The interactions among the teams was an observation worth seeing, they were having fun. Well done and a great representation of your College!

Summer is here, by the calendar anyway. Take some time to enjoy family and friends, and sniff the flowers along the way. As you enjoy the fragrance of those flowers standing there along the path, take a careful peek, you may find a honey bee busily collecting pollen.

Do Not Forget To VOTE

Thank you for being a member of ASCE.

Dale A. Nelson, P.E., F.ASCE

Director, Region 8 ASCE

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HAVE YOU VOTED?

There is still time: Voting is from 1 May to 1 June 2017 (5:00pm CDT)

Region 8 has four members on the Election Ballot

Three Candidates for **Governors:**

Florence Ching (Hawaii Section)

Fred Nelson (Phoenix Section)

Bob Turner (Inland Empire Section)

Candidate for **ASCE President Elect:**

Kancheepuram N. Gunalan (Guna) (Utah Section)

VOTING IS EASY: There are NO special codes this year!

1. Go to www.asce.org/votenow
2. Use your ASCE member login and password (click the links if you need assistance).
3. Follow the instructions to vote and submit your ballot.
4. The ballot includes a Constitutional Amendment to increase the size of the Board to allow the third Technical Region Director to have a vote at the table.
5. Information on the Nominees can be found on the [electronic ballot](#) or the ASCE [election pages](#).
6. Students and Affiliate Members are not eligible to vote.
7. Dues must have been paid by April 1, 2017 to be eligible to vote.
8. The election will close at 5:00pm Central Daylight Time on June 1, 2017.

Let's win with the most number of members voting in a Region, which we did last year!

Columbia Section Update

Hello from the Columbia Section. Our group has had a good year so far. Our two student chapters, WSU Tri-Cities and Walla Walla University have been growing and have become more active, which we are very excited about. Our YMF worked with the Student Chapter at Walla Walla University and received a SPAG Grant for a volunteer project. The local children's museum has a windmill propeller hanging inside the building, but they are remodeling the space and will no longer have room for the

propeller. The student group is designing a stand that will hold the propeller vertically outside of the children's museum. The grant allowed us to bring students together with ASCE members to meet, network and plan the project. It was a great success.



SPAG Grant Dinner

The Columbia Section also awarded our second annual Project of the Year and Engineer of the Year awards. We presented the awards at the Tri-Cities Engineer of the Year Banquet which takes place every year to celebrate E-Week.



Pictured Left to Right: Ben Volk, P.E., Rich Buel City of West Richland Mayor Pro Tem, Roscoe Slae, P.E. City of West Richland Public Works Director, and Drew Woodruff, P.E. West Richland City Engineer

Our Engineer of the Year, Drew Woodruff, is the City Engineer for the City of West Richland. We were very excited when he also won the Tri-Cities Engineer of the Year at the banquet that evening.



Drew Woodruff, P.E. receiving the Tri-Cities Engineer of the Year Award

*Katie Thompson, P.E., M.ASCE
President, Columbia Section*

Support the National Student Steel Bridge Competition at OSU on May 26, 2017

Oregon State University and the OSU School of Civil and Construction Engineering are excited to host the 2017 National Student Steel Bridge Competition (NSSBC) this Memorial Day weekend, May 26 and 27. We would love your help in reaching our goal of \$35,000 in order to make this incredible experience possible, while keeping participant fees low.

At the NSSBC, approximately 50 student teams and over 500 students from universities all over the world construct and test bridges which they have designed and fabricated to meet a detailed set of specifications. The Steel Bridge teams compete to be the best in aesthetics, lightness, stiffness, construction speed, construction economy, and structural efficiency. The bridges need to support 2500 pounds and be erected in a timed construction event with another set of detailed constraints.

If it is possible for you to donate, your gift can help to:

- Cover costs of competition materials and equipment
- Keep student registration fees as low as possible
- Cover costs of venues, parking, and food for our participants, judges, and volunteers. We have been fortunate to have a great turnout of professionals to serve as judges on Saturday.

This competition provides students with the opportunity to learn fabrication processes, to gain design/management experience, and to experience the excitement of competing against teams from other colleges and universities. Please help us to showcase Beaver Nation and to host the best NSSBC to date.

To make a donation, please visit the [Oregon State University Foundation](#). Any questions, please contact [Judy Liu](#) or [Tom Miller](#).

For more information, including events that are open to the public, visit the [2017 National Student Steel Bridge Competition](#). We are even fortunate to have national

ASCE President-Elect, Kristina Swallow, attending. We'd love to see you there!

Thomas H. Miller, Ph.D., P.E. (OR)
Associate Professor
School of Civil and Construction Engineering
Oregon State University

Environmental and Water Resources Institute's 2017 Arid Lands Hydraulic Engineering Award Winner: Dr. Jeffery B. Bradley, Ph.D, D.WRE

Dr. Jeffrey B. Bradley, Ph.D., P.E., D.WRE, President and CEO of WEST Consultants, has been awarded the [Environmental and Water Resources Institute's 2017 Arid Lands Hydraulic Engineering Award](#). The EWRI award committee's selection was based upon Dr. Bradley's engineering solutions provided in the arid U.S. and his *"significant contributions during a stellar 40-year career in the areas of hydraulics, hydrology and sedimentation, especially involving debris flow effects on alluvial fan flooding and bridge scour."* This annual award, established first in 1986, is particularly focused on noteworthy contributions especially applicable to arid or semi-arid climates. Dr. Bradley was a founding member of the EWRI Board of Directors and EWRI 2002 President. He was also a founding President of AAWRE. Dr. Bradley will be receiving his award at the EWRI Watershed Council Awards Luncheon on Wednesday, May 24th at the Congress in Sacramento, CA.

2017 Younger Member Group Award for Small Groups Winner: Ms. Amanda Tanaka, P.E., M.ASCE

Ms. Amanda Tanaka, P.E., M.ASCE from the Hawaii Section Younger Member Forum has been selected by the Committee on Younger Members to receive the **2017 Younger Member Group Award for small groups** *"For outstanding professional, technical, social, outreach, and community service activities on behalf of the Hawaii Section."*

2017 Outstanding Public Official Award Winner: Mr. Roger M. Millar, Jr., P.E., F.ASCE

Mr. Roger M. Millar, Jr., P.E., F.ASCE from the Tacoma-Olympia Section has been selected by the Committee on Advancing the Profession to receive the **2017 Outstanding Public Official Award** *"For the sound, innovative application of engineering principles and ethics to transportation problems with an emphasis on quality of opportunity, sustainability, and the improvement of quality of life for the residents of Washington State."*

2017 Edmund Friedman Young Engineer Award for Professional Achievement Winner: Mr. Cal F. Bearman, P.E., M.ASCE

Mr. Cal F. Bearman, P.E., M. ASCE of the Seattle Section has been selected by the Committee on Younger Members to receive the **2017 Edmund Friedman Young Engineer Award for Professional Achievement** *"For professional achievement in service to the advancement of the profession, evidence of technical competence, high character and integrity, and contributions to public service outside their career."* In selecting Cal for this award, the committee particularly noted his development of Young Professionals Panels to enhance the Seattle YMF's university outreach.

Team Members Needed

Are you a history buff and interested in researching more about the Lewis and Clark Expedition land survey from St Louis to the Oregon Coast?

The ASCE Lewis and Clark History and Heritage Project needs your help. We are looking for team members interested in researching, documenting and writing about the Lewis and Clark land survey in their state. We are also looking for team members to research, document and write about the land survey methods, instrumentation, innovation, and impact.

If this sounds interesting to you, please contact [Shoots Veis](#) or call him at 406-697-7128 for more information about the project and how to get involved.

Region 8 Calendar of Upcoming Events

Environment and Water Resources Institute (EWRI) Annual Water Congress, Sacramento, CA, May 22 - 25, 2017

2017 National Student Steel Bridge Competition Finals, Corvallis, OR May 26-27, 2017

2017 National Concrete Canoe Competition Finals, Colorado School of Mines, June 17-19, 2017

ASCE Region 8 Fall Assembly and Planning Meeting, Springdale (Zion NP), UT Sept. 7 - 9, 2017 (for Section and Branch officers only)

ASCE Arizona Section Annual State Conference, Phoenix, AZ, Sept. 15, 2017

ASCE National Convention, New Orleans, LA Oct. 8 - 11, 2017

Visit [Region 8 Events](#) for more information.

ASCE Region 8 | <http://regions.asce.org/region8/>

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