



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

Hello Everybody!

The month of April has been an exciting time for the Student Chapters of Region 8. Some 30 Chapters of Region 8 have participated in four different Student Conferences (Pacific Northwest, Pacific Southwest, Mid-Pacific, and Rocky Mountain) with their steel bridges and concrete canoes which involved technical presentation of their designs plus a requirement to construct the bridge (judged on time, weight, hold a pre-designated load and measurement of deflection).

As for the canoe, this is a performance test plus a test of the paddlers and steerability of the canoe. Oh, the canoe needs to pass a swamp test, if it sinks it is a DQ. This is not a "Dairy Queen" however that might be a place to go after an unfortunate sinking. There have been some fun pictures of the canoe swamped, only the very tippy top at the water surface, and participants in the canoe working hard to move forward. As you can imagine, their racing speed was a little slower than others above the water line.

The Student Conferences involves many other competitive activities such as: surveying, environment, geotechnical, impromptu speeches, sustainability, transportation, etc. This varies for each of the conferences. There are many other activities that provides an opportunity to meet others from around the region, you never know when your paths may cross. If you are interested in addition information, it may be found at the following website: [ASCE Student Conferences](#).

These Students are our leaders of the future and they have shown their dedication because they have been working on their projects since last fall. A "thank you" is to be said to the Faculty Advisors for all they do and support they provide to ASCE Student Chapter members, Thank You!

Many Student Chapters of Region 8 are receiving Awards as recognized by the 2018 ASCE Committee on Student Members. This information may be found below in this Newsletter, in the "2018 ASCE Committee on Student Members Region 8 Student Chapter Awards" article.

The past week was a road trip to the east and south side of Washington State where I had the opportunity to visit with ASCE members. The first stop was at Washington State University, Pullman, for the Senior Project presentations and visit with some of the WSU Student members. The projects and presentations were great, and the best part was the opportunity to talk with presenters at the end.

The next stop was Walla Walla, to meet with some of the members of the Walla Walla University ASCE Student Chapter and their faculty advisor. See the picture below. The Chapter is quite active in many community projects. It was enjoyable to eat pizza, talk about ASCE and the Region as members came and went. Kate Thompson, Past President of the Columbia Section and Candidate for Region 8 Governor attended the meeting. Fun evening!



Walla Walla University , ASCE Student Chapter
 L to R: Elaine & Dale Nelson, Region 8 Director , Marissa Rosales, Vice President, Bryce Cole, Faculty Advisor , Morgan Metcalf, Social Vice President, Katie Mowat (Donesky), President, Kate Thompson, Columbia Section / Candidate Region 8 Governor

The last stop was the next night, further up the road, going west to Richland. This was a meeting with members of the Columbia Section, Younger Member Forum, Yakima Branch, and the WSU Tri-City Student Chapter. See the picture below. This was a wonderful open discussion with many questions and an opportunity to listen to their thoughts. The sharing of thoughts and ideas helps ASCE to be a growing and developing organization.



ASCE Columbia Section, Yakima Branch, Younger Member Forum, WSU Tri-City Student Chapter
 L to R: Dale Nelson, Region 8 Director , Del Ballard, Section member (past years; Section President and Chair of PNW Council, plus...), Issac Becker , Yakima Branch President, Marcus Miller , Columbia Section YMF President, Tatiana Skadorwa, Columbia Section, Secretary , Michael Choma, WSU Tri-Cities Student Chapter President

A wonderful part of ASCE is the development of lasting friendships and the occasion to visit with friends from time to time. This is just what happened when Del Ballard attended the meeting and we continued the discussion at breakfast the next morning with our wives in attendance, so they could do a little reminiscing. Del is an active and knowledgeable member of ASCE, past Section officer, and I followed him through the chairs of the Pacific Northwest Council, very similar to the organization of Region 8. Good memories!

Reminder to membership, ASCE ELECTION – VOTE TODAY

1 May, you should have received an email from ASCE, with the same message. For your guidance and information, attached within this Newsletter, there guidance provided if you are having difficulties voting.

Region 8 has four (4) candidate areas to vote:

- 1) Technical Regional Director (vote for one)
 - Edward Kavazanjian, Jr., Ph.D., P.E., D.GE, NAE, F.ASCE
 - David J. Odeh, P.E., S.E., SECB, F.SEI, F.ASCE
- 2) Region 8 Governors (vote for two)

- Jessica Smith, Alaska Section
- Kate Thompson, Columbia Section

3) Region 8 Director (vote for one)

- Tony Lau, Hawaii Section
- Dennis Richards, Arizona Section

4) 2019 ASCE President Elect (vote for one)

- Louis C. Aurigemma, P.E., F.ASCE (Region 5)
- Kancheepuram (Guna) N. Gunalan, P.E., D.GE, F.ASCE (Region 8)

FYI, Region 8 Board of Governors has endorsed our own, Kancheepuram N. Gunalan (Guna), Ph.D., P.E., D.GE., F.ASCE a former Director of Region 8 for ASCE 2019 President Elect. Please log on to the elections area of ASCE's [website](#), to check out Guna's bio, vision statement and a video recording of his response to very specific questions posed to the candidates by ASCE. You will also find his endorsement list which includes who is who in our industry including Region 8 and five past Presidents of ASCE, three of whom are from our Region 8. I encourage you to vote, and vote for Guna.

Thank you for being a member of ASCE.

Dale

Dale A. Nelson, PE, F.ASCE
 Director, Region 8 ASCE
 email: dale@denelsonak.com

ASCE Election - V ote Today

Let your voice be heard and cast your online ballot today to help shape ASCE's future.

Simply use your ASCE login to vote.

Your vote is IMPORTANT to ASCE's annual election for the Society and local leaders.

Even if a race isn't contested, by voting you show your support for those willing to serve.

- Online voting is now open (May 1, 2018) and will close on Friday, June 1, 2018, at 5 p.m. CDT.
- Information regarding the qualifications of each nominee is available on the [electronic voting site](#) and on the [ASCE website](#).

If you prefer to vote using a paper ballot, please contact [Patty Montgomery](#).
 Voting is easy!

1. Go to www.asce.org/VoteNow.
2. You will be asked to login using your ASCE email address and password. If you do not remember your ASCE email address or password, contact ASCE Customer Service at 800-548-2723 or 703-295-6300 (International).
3. Follow the instructions for accessing Nominee election information and voting.
4. If you would like an email confirmation after voting, you will need to enter your email address. ASCE does not provide member email addresses to the election vendor.

Once you cast your votes, you will not be able to re-enter the election site.

Need Help?

Problems with the Election website:

support@directvote.net

866-909-3549

Questions regarding the Election:

member@asce.org

Domestic: 800-548-ASCE (2723)

International: +1 703-295-6300

Don't miss your chance to make a difference. V ote for the individuals you would like to lead ASCE in 2019!

ASCE Region 8 Student Conference Steel Bridge & Concrete Canoe Competitions Results

Pacific Northwest Student Conference top three :

Oregon Institute of Technology

Bridge –

1. Portland State University
2. University of Washington
3. University of British Columbia

Canoe –

1. University of Washington
2. Oregon State University
3. University of Alaska Fairbanks

Rocky Mountain Student Conference top three :

South Dakota School of Mines & Technology

• Bridge –

1. Brigham Young University
2. South Dakota School of Mines and Technology
3. Utah State University

• Canoe –

1. New Mexico State University
2. Colorado State University
3. South Dakota School of Mines

Pacific Southwest Student Conference top three :

Arizona State University

• Bridge –

1. California Polytechnic State University, San Luis Obispo
2. California State University, Northridge
3. California State Polytechnic University, Pomona

• Canoe –

1. California Polytechnic State University, San Luis Obispo
2. California State University, Northridge
3. University of California, Los Angeles

Mid-Pacific Student Conference top three:

Sacramento State/University of the Pacific

• Bridge –

1. Tongji University
2. University of California, Berkeley
3. HoHai University

• Canoe –

1. Tongji University
2. University of California, Berkeley
3. University of Nevada, Reno

2018 Steel Bridge teams going to Nationals

2018 National Student Steel Bridge Competition

University of Illinois at Urbana-Champaign, Illinois

May 25-26, 2018, [Website](#)

Eligible teams from the Pacific Northwest Student Conference are:

- Portland State University
- University of Washington
- University of British Columbia

Eligible teams from the Rocky Mountain Student Conference are:

- Brigham Young University
- South Dakota School of Mines & Technology

Eligible teams from the Pacific Southwest Student Conference are:

- California Polytechnic State University, San Luis Obispo
- California State University, Northridge
- California State Polytechnic University, Pomona

Eligible teams from the Mid-Pacific Student Conference are:

- Tongji University
- University of California Berkeley

2018 Concrete Canoe teams going to Nationals
 2018 National Student Concrete Canoe Competition
 San Diego State University Student Chapter
 San Diego, CA
 Jun 23-25, 2018, [Website](#)

Eligible team from the Pacific Northwest Student Conference is:

- University of Washington

Eligible team from the Rocky Mountain Student Conference is:

- New Mexico State University

Eligible team from the Pacific Southwest Student Conference is:

- California Polytechnic State University, San Luis Obispo

Eligible team from the Mid-Pacific Student Conference is:

- Tongji University

2018 ASCE Pacific Northwest Student Conference

Some 427 students, alumni, and faculty advisors descended on the Oregon Institute of Technology campus in Klamath Falls beginning on Thursday evening, April 5th through April 7th for the 2018 Pacific Northwest Student Conference. Students from the following institutions attended the event:

1. Carroll College
2. Gonzaga University
3. Oregon Institute of Technology
4. Idaho State University
5. Portland State University
6. University of Idaho
7. Boise State University
8. Oregon State University
9. St. Martin's University
10. Washington State University Pullman
11. Washington State University Tri-Cities
12. University of Alaska Fairbanks
13. University of Alaska Anchorage
14. University of Washington
15. Brigham Young - University Idaho
16. Montana State University
17. University of Portland
18. Seattle University
19. University of British Columbia



The University of Washington's winning entry in the concrete canoe competition



Washington State University's entry in the concrete canoe competition

Student teams competed in the concrete canoe, steel bridge, and technical paper competitions. All events were hotly and enthusiastically contested. Inclement windy weather conditions forecast for Saturday forced the judges to cancel the concrete canoe races due to safety concerns, so concrete canoe judging was based on an oral design presentation, physical appearance, and pass-fail on the swamp test. With the cancellation of the concrete canoe races, the steel bridge competition became the center of attention, and students and supporters from the various schools cheered for their favorites. The steel bridge competition lasted all day Saturday until shortly before the concluding awards banquet Saturday evening.



PSU Steel Bridge Team in Action



The Awards Banquet on Saturday Evening was Attended by Over 400 Students, Alumni, and Faculty Advisors

At the concluding Saturday evening awards banquet, the University of Washington was announced as the overall winner of the Concrete Canoe competition, and Portland State University won the steel bridge competition. Congratulations to both schools! The University of Washington will now move on to represent the Pacific Northwest Student Council at the national finals for the concrete canoe at San Diego State University on May 25-26. The national finals for the steel bridge competition will be held at the University of Illinois, Champaign-Urbana campus, on June 22-23. The top three finishers in the steel bridge competition all advance to the nation finals. Besides PSU, the Pacific Northwest Student Council will also be represented by second place finisher University of Washington, and third place finisher University of British Columbia. Congratulations to all of our winners!

The 2019 ASCE Pacific Northwest Student Conference will be held at Saint Martin's University, Lacey, Washington, on April 11-13, 2019. Mark your calendars now!

Arizona Section Update

Hola from the Arizona Section to our fellow Region 8 members! Thanks for the opportunity to highlight some of the events and accomplishments within our state. Like some of the other sections within Region 8, the Arizona Section acts as an administrative body that consists of four Branches (Northern Arizona, Phoenix, Southern Arizona, and the Yuma Branch), Younger Member Forums, Student Chapters, Technical Committees and Institutes. As an administrative body the Arizona Section does not actively host many functions. However, the Branches and other groups are very active, hosting several meetings and activities throughout the year covering various technical topics and providing philanthropic and social events. I am extremely excited to report that a few new groups have joined our family in the last year. An ASCE High School Club was started in the Phoenix Section, a Younger Member Forum was established in the Northern Arizona Branch and a new Utility Engineering and Surveying Institute was recently formed.

The ASCE Arizona Section does have one annual event that it actively participates in and that is the Arizona ASCE/ASHE Annual State Conference, as you can see we partner with the American Society of Highway Engineers. The event continues to grow with last year's having over 200 participants and delivering a diverse array of speakers and topics. We recently tried something new, a EWRI Program that had numerous speakers engaging in shorter "TED Talks" type of presentations which received great feedback. Another great aspect of the conference is that it provides a platform for the Arizona Section to not only induct the new board, but also award some of our notable members and outstanding seniors along with providing scholarships to students at ASU, NAU, and U of A. In previous years the section awarded \$7,500 in scholarships to students from the universities and this year the amount has been increased to \$9,000 (\$3,000 per school). The conference will be on September 14th and we look forward to the event building off the success of previous years.

An ongoing Section accomplishment that I'd like to highlight is the approval of the Kaibab Trail Suspension Bridge within the Grand Canyon National Park for Historic Civil Engineering Landmark designation. The process started in 2016 and approval was received last year. Initially the plan was to have the dedication sometime in 2018 but the Grand Canyon National Park is celebrating their Centennial year in 2019 and asked us to plan for having our dedication in February 2019. Some of the details are still being hashed out but the plan is to have two plaques, one at the top of the canyon and one at the bottom located near the bridge. February will still be cold but if you're interested in attending our event (and possibly hiking into the Grand Canyon) feel free to contact myself or anyone on the Arizona Section Board.

Another initiative that I'd like to highlight is how the Section has worked with our Branches to take full advantage of the ASCE Foundation matching grant that will allow us to provide a copy of the Dream Big DVD to each public Middle/Junior High School within Arizona. Further, as a state, we are actively working towards supplying every public elementary school with the Dream Big DVD as well. Many of our members not only see this as a great opportunity to show our children about the world of engineering, but also a great way to introduce themselves to and become involved with local schools.

Some of the other activities the Section has been involved with is the Capital Drive-In that occurred in March. A small contingent of Arizona Section members headed down to the Capital with some bound copies of our State's Infrastructure Report Card and met with elected representatives from both the House and Senate. The topics of discussion included infrastructure, infrastructure funding, deregulation of professionals, and associated topics. I was fortunate enough to have the opportunity to participate in the Drive-In and was pleasantly surprised with the level of understanding the elected officials had in regards to the importance of infrastructure, infrastructure needs, and protection of infrastructure maintenance funds.



L to R: Dennis Richards, Fausto Burrue, Mark Lamer, Jose Aguilar in front of the Arizona State Capital Building

L to R: Jose Aguilar, Representative Macario Saldade (D.), Fausto Burrue

Before saying adios I wanted to mention another BIG ASCE EVENT that recently occurred in our state. The 2018 Pacific Southwest Conference (PSWC) was held April 12th-14th at Arizona State University. The conference was co-hosted by ASU and NAU and had approximately 1,300 students representing 18 universities from California, Nevada, Arizona, and Hawai'i.



Northern Arizona University Concrete Canoe



San Diego State University Concrete Canoe



University of Southern California Concrete Canoe



University of Hawai'i at Manoa Concrete Canoe



2018 PSWC Awards Banquet

I would like to extend my appreciation and congratulations to the hard working students from ASU and NAU who collaborated to put together an excellent event! Also, a big THANK YOU to the faculty advisors and professionals who took the time to assist, mentor, and judge during the event!

Fausto Burrue, PE, MP A, M.ASCE
Arizona Section President

Mid-Pacific Student Conference Report

The Mid-Pacific Student Conference was co-hosted this year by Sacramento State with the University of the Pacific (from April 19 to 21), with events split between Rancho Seco Lake for the concrete canoe competition, and at Sacramento State for all other events. Seventeen colleges and universities participated in the event, including one from Canada

and four from China. Our own Region 8 was represented by the University of Nevada at Reno (UNR) which brought great enthusiasm, energy and participation to the event. The team did great, placing fourth in the water treatment event and third in the concrete canoe competition; in fact, they were the best paddlers on the lake with the fastest times in just about every category of the race. They were also a competitive team for steel bridge, but for that one bolt that sheared under loading. All in all, Sacramento State proved great hosts and did an excellent job, with all of the events finished on time and ahead of schedule! And it very enjoyable, on the warm side of perfect. Thanks to all who participated.

Greg Kinney , PE, M.ASCE
Region 8 Governor

Region 8 Awards

APRIL 2018 AWARD ANNOUNCEMENTS

Mr. Robert L. Madsen, P .E., M.ASCE from the Columbia Section has been selected by the ASCE Society Awards Committee to receive the 2018 Norman Medal Co-Author of the paper “Experimental Seismic Response of a Full-Scale Cold-Formed Steel-Framed Building. 1: System-Level Response,” published in the Journal of Structural Engineering , December 2016.

The Hawaii Section Younger Member Forum has been selected by the Committee on Younger Members to receive the 2018 Younger Member Group A award for Small Groups for “Outstanding professional, technical, social, outreach, and community service activities.” Mr. Norman Leong, P.E., M.ASCE from the Hawaii Section will receive the Award on the behalf of the Hawaii Section Younger Member Forum.

Mr. Sean Robinson, P .E., ENV SP, M.ASCE from the Southern Nevada Branch of the Nevada Section has been selected by the Committee on Younger Members to receive the 2018 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.”

2018 ASCE Committee on Student Members Region 8 Student Chapter Awards

Robert Ridgway Student Chapter Award Winner

This award is made annually to the single most outstanding Student Chapter:

- The winner of this award will be announced in late May

Ridgway Award Finalists

These Student Chapters were finalists for the Robert Ridgway Award:

- Brigham Young University
- University of California, Los Angeles
- The Citadel
- Florida A&M University-Florida State University
- University of Wyoming

Distinguished Chapter Awards

Awarded to the most outstanding Student Chapter in each Region:

- Brigham Young University

Certificates of Commendation

No more than 5% of Student Chapters are awarded Certificates of Commendation, Region 8 Student Chapters are:

- University of Arizona
- Oregon State University

Richard J. Scranton Outstanding Community Service Award
This award recognizes the Student chapter that demonstrates the most outstanding record of service for the previous calendar year:

- Oregon Institute of Technology

Honorable Mention

This award is given to the top third of Student Chapters, based on their Annual Report score, Region 8 Student Chapters are:

- Arizona State University
- University of British Columbia
- University of Hawaii at Manoa
- Idaho State University
- Northern Arizona University
- Portland State University
- Salt Lake Community College
- University of Washington

Award information was based on the 2017 Annual Reports.

[ASCE Student Chapter Award Website](#)

Region 8 Fall Board of Governors & Assembly Meeting

September 6th to 8th, 2018, Spokane, Washington

General Meeting Details

Thursday, September 6th (Gonzaga)

8:00 AM to 4:00 PM	Board of Governor's Meeting	PACCAR PC 203 Conference Room
7:00 PM	Group Dinner	Location TBD

Friday, September 7th, (Gonzaga)

8:00 AM to 12:00 PM	Region 8 Assembly Meeting	ROSAUR 230 Classroom
12:00 PM to 2:00 PM	Gonzaga Tour	Start Location TBD
2:00 PM to 5:00 PM	Region 8 Assembly Meeting	ROSAUR 230 Classroom
7:00 PM	Group Dinner	Location TBD

Saturday, September 8th (Gonzaga)

7:00 AM to 12:00 PM	Region 8 Assembly Meeting	PACCAR 007 Classroom
1:00 PM to 2:00 PM	Board of Governor's Meeting	Location TBD
2:00 PM	Leave for Grand Coulee Dam	See details below

Lodging

Hotel RL (Red Lion)
303 W North River Dr.
Spokane, WA 99201

14 minute drive from Spokane International Airport
34 minute bus ride from Spokane International Airport (Route 60, check STA route schedule for updates)

Special group rate at \$89.00 per night (breakfast included). Special rate may extend into the weekend if you request so.

Call 800-RED LION (733-5466) and provide group code "REGI0905" (zero-nine-zero-five)
Or use [booking link](#).

Engineering Tour: Grand Coulee Dam Tour

Saturday, September 8th (afternoon)

About 2 hours west of Spokane

[More information about the dam](#)

Registration

Link Pending

Region 8 Calendar of Upcoming Events

- May is ASCE Election Month! Be sure to cast your vote for Region Director, two Region Governor slots, and ASCE President-elect!
- Region 8 Board of Governors Meeting, Gonzaga University, Spokane, WA, Thursday, September 6, 2018
- Region 8 Fall Assembly Meeting, Gonzaga University, Spokane, WA, Friday-Saturday September 7-8, 2018
- ASCE Presidents and Governors Forum, ASCE Headquarters, Reston, VA, Sunday-Monday September 23-24, 2018
- Region 8 Board of Governors Meeting at Region 8-9 Multi-Region Leadership Conference (MRLC), Hilton Hawaiian Village, Honolulu, HI, Thursday March 7, 2019
- Region 8-9 MRLC and Younger Member Forum, Hilton Hawaiian Village, Honolulu, HI, Friday-Saturday, March 8-9, 2019

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

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

ASCE Region 8 | PO Box 27808, Las Vegas, NV 89126

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