



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

Hello Everybody, hope all are enjoying the increasingly longer day light hours!

Did you have an opportunity to participate or attend an Engineers Week event? There were a lot of events. The Saint Martin's University Hal and Inge Marcus School of Engineering, Lacey WA, took most of the day in celebration and hosting Kristina Swallow, 2018 ASCE President, with a lunch, tour of the Engineering Facilities and Campus, a visit to the State Capitol in Olympia, and concluding with a banquet. The Sections of Tacoma-Olympia and Seattle had members in attendance. The Tacoma-Olympia Section presented a \$1,000 check to the SMU Student Chapter for the purposes of assisting them in their participation at the Regional Student Conference.



Frank Marescalco, Past Section President, Sarah Howsden, SMU Vice President and Kristina Swallow, ASCE President

The banquet flyer provided a listing of those Professional Societies that are available to the students. Those societies are; ASCE, American Society of Mechanical Engineers, Engineers without Borders, National Society of Black Engineers, Pi Tau Sigma, Society of American Military Engineers, and Society of Women Engineers. Thank You, Dean David Olwell, Ph.D., and ASCE Faculty Advisor, Jill Walsh, Ph.D., P.E. for all you do for the students.

A separate article, Dream Big, is include in this newsletter to spotlight an EWeek activity of the Mat-Branch with pictures. If there is an event article you would like to share with the Region, please send it to me.

Has anybody observed the lights in the various shops on or around the campuses? It probably has something to do with final touch up and practice for the Steel Bridge, Concrete Canoe, and other competitions at the Student Conferences. There still is time to support these hard-working students. These students are amazing, doing a group project for competition and class work.

During the week of 12 March, ASCE will have the annual Fly-In to visit Congress, the OPAL awards and then the Society Board of Direction (BOD) meeting on 16 and 17 March. The BOD meeting is full and there are many things to cover. I will report on what transpired in next month's newsletters.

The ASCE OPAL Project winner will be revealed at a dinner event on 15 March. The Washington State Department of Transportation's SR-520 Floating Bridge and Landings Project, Seattle and Medina, WA is one of five projects being considered for the grand prize.

This past week, plus, has been busy for me and very rewarding and I will give a brief of what has transpired. More will be provided in next month's newsletter. When the Western portion of Canada (Provinces of Alberta and British Columbia, Yukon Territory and Northwestern Territories) became part of Region 8 there was interest expressed by ASCE students of two Universities in British Columbia. The Universities are British Columbia, Vancouver BC (UBC), and Victoria (UVic) on Vancouver Island Victoria BC. UBC has a student chapter and UVic does not. Both have ASCE members and some are members of both ASCE and CSCE (Canada Society for Civil Engineers). We are working to be mindful and respectful of CSCE and their Society members. Those that wish to be ASCE members while residing in Canada may choose to do so. Being an ASCE member of a Student Chapter allows them to participate in ASCE Student Conference competitions (Steel Bridge, Concrete Canoe...). UBC has a Student Chapter and they compete in the Pacific Northwest Student Conference in both the Bridge and Canoe, as well as the other events. This is what UVic desires to do as well.

As part of the Student Chapter development, they need to be assigned to a Section. During this trip, I met with the Seattle Section's Board of Directors. Following the meeting, Section President, Diana Hasegan, and I continued our discussion to make all this happen with the assistance by ASCE's staff. More too come on this.

Region 8 has two candidates for one Director position and two Governor candidates for two governor positions. The ASCE Director candidates are: Tony Lau, Hawai'i Section and Dennis Richards, Arizona Section. The two Governors are: Jessica Smith, Alaska Section and Kate Thompson, Columbia Section in Washington.

The ASCE 2019 President-Elect candidates are: Louis C. Aurigemma, P.E., F.ASCE (Region 5) and Kancheepuram (Guna) N. Gunalan, Ph.D., P.E., D.GE, F.ASCE (Region 8).

If you can, meet with the candidates or have them call in to one of your meeting(s). Get to know the candidates, Region 8 Governors and Director and the 2019 President-Elect candidates, and vote in May.

As Sections, Branches, Younger Members and Student Chapters, you may be asked for an endorsement. Be informed, invite the candidates to a meeting or have them call into your meeting(s) and share with the membership.

As I close this article for the newsletter, which I am very, very late (trying to inform too much at one time), I want to personally say "Thank You" to many. The incident occurred during the Alaska Professional Design Council's Legislative Fly-In to Juneau. For your information, the incident about gave me a heart attack due to the surprise and then the drowning in the happy tears. Thank you to my wife, Elaine and daughter, Lesa and her husband, Robert, who where present, and to our son, Garth, who was involved long distance. To continue, Carl Uchtyl, Alaska Section President, and other ASCE members and APDC members to numerous to list, and Legislators assisting Carl and family in the event to be a total surprise. Representative Les Gara who asked me to walk with him and his aide as he has a meeting in a few minutes, which is not usual, you get your moments to talk when you can. However, Les walked me right into it, the gang was all there and one of the first for me to see was Elaine with a big smile on her face. The rest of the story was told as to why her car was not in the garage and cell phones, you can be anywhere. Well the surprise was, a signed document by The Alaska Legislature, Honoring, me. Thank You All!

It is always a pleasure to hear from you, please continue to share your thoughts. Thank you for being a member of ASCE.

Dale

Dale A. Nelson, P.E., F.ASCE
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Utah Section Update

The ASCE Utah Section consists of four branches, which are the Northern Utah, Wasatch Front, Central Utah, and Southern Utah Branches. The Section mainly works as an administrative organization and most of our activities are done on the Branch level with the exception of the Annual Utah Section meeting, which will be held at Utah State University on June 8th this year. We are currently working on organizing this event, but looking forward to having Robin Kemper, the ASCE President-Elect, as a guest speaker and also touring the water lab at the University.

It has been a busy year for our government relations committee chair, Matthew Roblez, S.E., as we were contacted by the press concerning modular classrooms being used at local schools. We partnered with the Structural Engineering Association of Utah (SEAU) and co-authored a Position Statement encouraging the State to adopt standards for these modular units, or to follow the current building code for permanent structures.

The Northern Utah Branch is composed of a great group of engineers. They had a

great year in 2017 and the branch member participation has increased. They have a larger group of volunteers leading the branch behind the scenes, including Quinn Dance helping with the monthly lunch and learns and Alex Oliphant working with the Younger Members. The Branch's relationship and involvement with the USU Student Chapter has grown, including a great industry meeting and tour last spring of the water lab. They also performed a couple of great service projects for the Willow Park Zoo and a public Mountain Bike Trail at Beaver Mountain Resort. The Northern Utah Branch has great momentum going into 2018. Their efforts will continue to expand, including activities focused on the Weber County and Box Elder County branch members.

The Wasatch Front Branch has an active Community Giving Committee where they sponsored a family in need through a local Sub for Santa program in December. The Community Giving Committee spent hours of selfless time to put this together and the members responded in kind by opening up their hearts to make sure a local family had a Merry Christmas. The Board has also put in a tremendous effort to keep ASCE's movie "Dream Big" showing at the local Clark Planetarium. The Wasatch Front Branch sponsors a monthly branch lunch meeting that includes speakers discussing a variety of engineering-related topics. They recently heard from Greg Nelson with CRS Engineers who spoke about the Vivint Smart Home Arena Remodel project. The latest speaker was Jake Price, a geotechnical engineer, with RB&G Engineering who spoke about the Tibble Fork Dam Rehabilitation Project. The Wasatch Front Branch is looking forward to the 2018 Engineers Week where their members will be visiting local elementary schools to share their passion for engineering.

The Central Utah Branch recently received some inspiring news for the engineering industry in Utah County. Utah Valley University recently announced that they will begin an ABET accredited Civil Engineering Program in the fall of 2018 and will establish a student chapter of ASCE in the coming months. The Utah Section and Central Utah Branch are delighted to have them as part of our organization. The Central Utah Branch continues to sponsor monthly luncheons with very interesting speakers. In January the branch heard from Dr. Marie Jackson from the University of Utah who spoke about her research on Roman Concrete, and it was very fascinating to see why it's more durable than our modern concrete.

The Southern Utah Branch has been busy the last few months as they have teamed up with the local branch of American Public Works Association (APWA) to put on the annual APWA/ASCE spring conference. This year's theme is "Making the Grade" and it will be held in St. George, Utah. This event typically has two days of seminars with guest speakers and ends with a golf tournament on the last day. This year will also include a technical tour at one of the local asphalt batch plants. This event has been well attended in the past few years and I look forward to attending this year.

The Younger Member Forum in the Utah Section is full of talented and energetic engineers. Their passion for engineering and advancing our industry is contagious. The YMF members are service oriented and regularly participate in community service projects. They recently prepared a meal for families staying at the Ronald McDonald House in Salt Lake City. This small act of kindness helps remove some of the burdens these families are feeling as they deal with the illness of a child. The YMF also sponsors a Professional Engineer's Exam study course each year to help young engineers

prepare for the exam and progress in their careers. The next course begins in February to prepare these aspiring engineers for the PE exam in April. This is also one of their main fundraising events so they are able to continue the activities and service to their members and community.

The Utah Section is pleased to congratulate Dr. Blake P. Tullis, Ph.D., F. EWRI, M. ASCE of Utah State University on being selected by the Environmental and Water Resources Institute to receive the 2018 Hydraulic Structure Medal. This medal is in recognition of his "significant contributions to hydraulic engineering in the areas of nonlinear weir spillway design, air vent sizing small embankment dam bottom outlets, culvert hydraulics, fish passage, physical modeling in support of hydraulic structure engineers through applied, innovative, hands-on design courses." The medal will be awarded at the EWRI World Environmental and Water Resources Congress in Minneapolis, MN, June 3-7, 2018.

As you can see, Utah is a great place to be. Not only do we have the greatest snow on earth, but some of the greatest engineers as well. If you ever find yourself in Utah, you are invited to come to one of our branch meetings and meet our wonderful members.

Anthony Schmid, S.E. M.ASCE
Utah Section

Dream Big - Engineer Week Event ASCE Mat-Su Branch, Alaska Section

On February 20, 2018 during the start of Engineer's Week, the branch hosted a "Dream Big" event at the Glenn Massay Theatre on the Mat-Su College Campus in Palmer, Alaska.



The branch partnered with five middle schools and was fortunate to have over 150 students travel to the theater for a half-day of engineering impressions. After the film, the Mat-Su branch organized 24 engineers to come and speak with the students. Students were split into smaller groups of 6-8 students to allow more intimate conversations. We rotated engineers every ten minutes during these conversations. That way students were able to visit with several engineers about their impressions from the film, and their questions about engineering. Our volunteers also shared what inspired them to become engineers and what it takes to become an engineer. To quantify the success of the event all students were given a survey to complete. The last question on the survey had the students list the most interesting that they learned. My favorite response was from a Huston Middle School Student:

"The most interesting thing I learned was that engineering isn't just about making buildings and having the fanciest ideas, it's also about making connections with the people you work with and having a purpose behind what you build."

Based on the level of engagement in these young minds, I'd say the future of our profession is in good hands.

The Mat-Su branch was one of 29 nationwide recipients of a ASCE State and Public Affairs Grant (SPAG). SPAG is a grant program for innovative project ideas that promote civil engineering to a larger audience and help sections and branches undertake advocacy projects. The Mat-Su branch was focused on sparking an interest in civil engineering and infrastructure for the next generation. In addition to the SPAG grant and branch resources spent, the school district donated all student

transportation, and several local engineering firms donated both funds and resources to make this event possible.

This event also showed just how awesome our peers in the community are when it comes to sharing their knowledge and experiences with students. As we were getting ready for students to arrive, a local contractor showed up because he has seen a flyer in a school and he wanted to help!



Thank you all that helped make this such a great event, and especially thank you to our ASCE Mat-Su Branch officers Nicole Yount, Beth Madison, Kiana Eller, and Matt Coburn who spent countless hours planning and preparing this event.

Contributed by: Tor Anderzen, P.E., M.ASCE

Region 8 Calendar of Upcoming Events

March

- Legislative Fly-In, Arlington, VA, March 13-15, 2018
- OPAL, Arlington, VA, March 15, 2018
- ASCE BOD Meeting, Arlington, VA, March 16 &17, 2018

April

- Pacific NW Student Conference, Oregon Institute of Technology, Klamath Falls, OR, April 5-7, 2018
- Rocky Mountain Student Conference, South Dakota School of Mines & Technology, April 5-7, 2018
- Pacific Southwest Student Conference, Arizona State University/Northern Arizona University, April 11-14, 2018
- Mid-Pacific Student Conference, Sacramento State/University of the Pacific, April 19-21, 2018

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

Correction

Tom Szymoniak, Tacoma-Olympia Section member and author of the article on the Tacoma-Olympia Section, which appeared in the January 2018 issue of this newsletter, was inadvertently credited as being a member of the Inland Empire Section. We regret this error.

Thank you,
Larry Magura, Governor, ASCE Region 8, Communications Committee

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