

President's Message

By Frank Marescalco



Welcome to February! It's hard to believe it's already here!

This month is a busy month for our section. February is the month of National Engineers Week, or "E-Week." E-Week is always a fantastic opportunity for every engineer to spread the word about our industry. If you want to be a part of the hustle and bustle, you can get involved through our section.

February is also the month in which our section traditionally attends the Engineering Banquet that St. Martin's University puts on every year. It happens on the Friday of E-Week and it includes a meal and a presentation from a keynote speaker. The speaker changes each year, but the program is always good. This year's speaker is Secretary Millar from the WSDOT. The dinner is attended by engineer, agencies, and people who work in industries that support ours. This year, the University is making student attendance a priority and members have the option to sponsor a student's attendance. Don't miss this opportunity!

Our section will also be hosting another PE exam study session this month. I myself am preparing to lead my semi-annual water resources module focus study session for candidates in March. The date and time have already been set, so be sure to make your reservation. If you know anyone who would benefit from attending the preparation sessions, feel free to pass our event invitations along to them. You don't need to be a member to participate.

And on the note of the PE exam, I am very excited to announce that our section's treasurer, Ms. Jessie Chen, is now counted as an official member of the Society! She passed last fall's exam. Congratulations on your success, Jessie!

January was a productive month for our section. Our very own Derek McCoy and Dale Caswell represented the Tacoma-Olympia Section at the Multiple-Region Leadership Conference in Los Angeles, California. The conference is a significant undertaking with ASCE representatives from all levels in 10 states congregating in one place. Derek and Dale returned from the conference dreaming big!

ASCE Tacoma-Olympia is also on Instagram now! Check us out by [clicking here](#)!

Our board is interested in hearing from you about what we could do to make your membership more valuable to you. If you don't come to our events, we'd like to know if there's something different we could do to make it more inviting to you. If there's something you'd like to see us offer as a service or program, let us know! Your thoughts and suggestions are most welcome.

Thank you for reading our newsletter, and we hope to see you soon!

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Red Mountain as seen from Cascade Peak near Mt. Rainier. Photo credit to Alex Hannum at alexhannumphotos@gmail.com

February 2017 Monthly Program

St. Martin's University's Annual Engineering Banquet Dinner

It's that time of year again! Time for the annual Engineering Banquet at St. Martin's University! ASCE Tacoma-Olympia is a consistent attendee for this premier South Puget Sound engineering event! Engineering firms, agencies, and suppliers attend this dinner every year. It's a great way to come get connected to fellow engineers and people who support the industry. This year's keynote speaker is Secretary Millar with the WSDOT.

The University has made student attendance a priority this year. There are two options for student attendance: students may purchase their own tickets at a reduced price or members may sponsor students for a nominal fee. The "Sponsor-a-Student" ticket rate below is the rate a member would pay to open a space to a student at the dinner. It does not include admittance for the sponsoring member.

In order to attend this event, you must pre-register online with the University. Our Section will not be able to provide RSVPs. Click on the link below to register online. The University has asked that attendees complete their reservations prior to February 15th in order to facilitate accurate planning. Don't miss out!

Date and Time	February 24, 2017 at 5:30 PM
Location	Norman Worthington Conference Center St. Martin's University 5000 Abbey Way Southeast Lacey, WA 98503
Speaker	Secretary Roger Millar, PE, M.ASCE Washington State Department of Transportation
Schedule	5:30 PM to 6:15 PM Social 6:15 PM dinner
Price	Non-Student Ticket: \$45 Student Ticket: \$15 Sponsor-a-Student Ticket: \$25
Reservations	Reservations are being handled by St. Martin's University. You must reserve your space by February 15 th . To sign up, simply click this link: https://form.jotform.com/50206233057141

Announcements

We have plenty of information to share and opportunities to engage coming up, so be sure to check in.

- ***ASCE Tacoma-Olympia is on Instagram!***

The Tacoma-Olympia Section continues its march in to the world of technology. First a website, then a Facebook page, and now an Instagram account. There are a lot of ways to get connected with us here at ASCE Tacoma-Olympia – we're sure to have one that fits your needs. You can check out our Instagram account by [clicking here](#).

- ***National Engineers Week is This Month***

February is here, and that means National Engineers Week is coming! You may have heard this referred to as "E-Week." E-Week is the only national celebration of engineering as an industry and it's our best opportunity to get out of our proverbial box and go talk to the public about what we do each and every day. If you have ever thought about getting out in to the community and doing some outreach work, now is the time! Contact us to get involved!

- ***Attention Transportation Engineers!***

The 2017 Joint Annual Meeting of the Washington State Section of the Institute of Transportation Engineers (ITE) and the Northwest Section of the International Municipal Signal Association (IMSA) will be held at the Doubletree hotel in SeaTac on Monday, February 13th, 2017. The keynote speaker this year will be Don Billen, Deputy Director of Capital Project Development for Sound Transit.

The joint annual meeting and vendor exhibition is the premier trade show in the Pacific Northwest for traffic- and transportation-related products. It also has excellent technical programs focusing on most relevant issues and industry trends. This joint meeting has become one of the best learning and networking platforms for meeting attendees including those from local agencies and engineering firms in Washington, Oregon, Alaska, Canada, Idaho, and Montana. This year's conference will include a full-day technical program covering topics in Safety, Smart Cities, Transit, and Transportation Funding.

The event is an excellent training opportunity and is free to attend. Parking is also free with advanced registration through Eventbrite. [Click here](#) for more information and to register.

- ***Younger Members Ski Trip: February 24th to 26th***

All ASCE younger members and students are invited to join the Tacoma-Olympia Younger Members Group for a ski trip with the Portland, Seattle, and Bellingham YMGs at Mount Hood on Friday, February 24th through Sunday, February 26th. The YMG will be renting cabins in Welches, Oregon. Not a skier? Don't worry! There are plenty of other activities to do around Mount Hood! Cost will be \$90 for lodging, dinner Saturday night, and breakfast. To register, follow the following link: <http://conta.cc/2iIDn7T>. Space is extremely limited, so please register as soon as possible! You can also email Carlyn Harlow at tacoma.olympia.ymg@gmail.com if you have any questions.

- ***17th Annual MESA Day at Pacific Lutheran University***

Every year, Pacific Lutheran University holds a day of friendly engineering competition for students across the Tacoma area. The competitions include classic engineering type challenges. Our section traditionally sends several members to volunteer for the day to act as judges and assist the students during the competition. This year's competition will be held on March 28th at the PLU campus. If you are interested in contributing as a judge or in some other volunteering capacity, contact Michael Hale.

Recent Events

Younger Members Group Football Social

The Younger Members Group hosted a football-viewing social January 8 at the Hawk's Prairie Restaurant and Sports Bar in Lacey. The YMG watched as the Green Bay Packers routed the New York Giants 38-13 in the NFL wildcard playoff round. The Giants fans were disappointed, but everyone had a terrific time networking with fellow civil engineers. The YMG plans to hold socials like these in the future, including the upcoming ski trip February 24-26 in Welches, Oregon. Contact Carlyn Harlow at tacoma.olympia.ymg@gmail.com if you would like to attend future events or have suggestions for the YMG!



Harmon Tap Room Section Social

Section members gathered at the Harmon Tap Room this January for a laid back social. It was one of our best events yet! While attendance was limited, our group was able to generate a lot of good energy. We did exactly what we came to do – and that was to relax, have a little fun, and make some new connections. Topics of conversation ranged from business to hamsters. And the Harmon seasonal brews were by themselves worth all the effort to show up. We hope that more of you will consider coming to one of our informal socials in the future. Some of your most valuable connections might also be coming – you never know.

2017 Multiple-Region Leadership Conference Recap

By Dale Caswell and Derek McCoy

The 2017 Multi-region Leadership Conference has come and gone – all there is left to do is get ready to Dream Big!

The 2017 Multi-Region Leadership Conference was held in not-so-sunny-this-time Los Angeles on January 13th and 14th. This annual event brings together leaders from branches, sections, and student chapters all over Regions 8 and 9. Together, that's ASCE representatives from 10 of the western states in our country, all in one place! The purpose of the conference is to prepare section and chapter leadership to engage in national programs and educate local members on innovations in ASCE.

We were honored to represent the Tacoma-Olympia Section at this year's conference. We gained an understanding of ASCE's national-level structure and initiatives. When you see us, quiz us on the national initiatives – the Grand Challenge, Raise the Bar, and Sustainable Infrastructure. We had the opportunity to learn best practices from other chapters in social media engagement, younger member programs, and local and state engagement. We also learned the National Infrastructure Report Card will be released March 9, 2017. No – we didn't get a preview, but now we know to expect from this quadrennial report and can plan to help the public understand the impact of neglecting to address the issue of infrastructure.

One of the great benefits of attending this conference is the opportunity to interact with leadership from the Younger Member Groups and Student Chapters. Networking opportunities are planned during lunch and session breaks where students and younger members are encouraged to seek out and meet at least 10 people and get their business cards. While this obviously benefits the students and younger members, branch and section leadership also have the opportunity to learn about ways to engage them and incorporate them into ASCE. At lunch each day, I would seek out a different table of students to ask them about their experiences with ASCE and what they thought would encourage them to remain engaged with ASCE at the next level after graduation. At the conclusion of the first day of sessions, we found and introduced ourselves to the SMU Student Chapter representatives in attendance and treated them to dinner. A great time was had by all, and we learned a great deal about each student and their perception of ASCE as well as their future plans and goals.

The capstone of the entire event was a preview of Dream Big, a coming film that is the result of over 10 years effort, \$15 million of investment, and hundreds of volunteer hours. The film aims to develop an integrated educational campaign to both educate and inspire the next generation of engineers. For the next year, the movie will play at IMAX theaters. The Seattle History Museum is our closest supporting theater. ASCE and DiscoverE have a website available to engineers, educators, and museums to tie lessons in to the wonderful stories highlighted in the movie. Please check out resources and ideas at <http://www.asce.org/dream-big/> and <http://discovere.org/dreambig/programs> for more information.



Volunteering Opportunities

The Tacoma-Olympia section of ASCE needs all of its members to make our section all that it can be! We currently have positions to serve on committees, get involved with our Younger Members Group, and help coordinate events or give presentations. We also have volunteer opportunities for community-minded individuals. Here are some open volunteer positions we have available now. Our volunteer opportunities are always changing, so remember to check back next month if you can't join anything this month! Contact any of your board members if you are interested in serving.

Committees and Section Positions

Government Relations Committee Chair; *Approx. time commitment: 0 to 2 days per month.* The Government Relations Committee is a standing committee within the Section. The chair position is responsible for recruiting co-chair members for the committee and contributing to committee initiatives and activities. The committee may write articles for our newsletter, mobilize members to action for important legislative events or bills, and coordinate with our state lobbyist.

History and Heritage Committee Chair; *Approx. time commitment: 1 to 2 days per month.* The History and Heritage Committee is a standing committee concerned with local civil engineering history. This committee position is an excellent fit for history buffs. The responsibilities include researching and dedicating historic works of civil engineering within our geographic area of coverage. The committee is also tasked with producing a quarterly newsletter article about a local work of civil engineering and what makes it historically significant.

Younger Members Group Co-Chair; *Approx. time commitment: 2 to 4 days per month.* The Section's Younger Members Group is an active and exciting part of our presence here in the South Sound. The group's leadership organizes events for our younger members such as social outings, workshops, career training, and outreach. The YMG leadership team may also occasionally be tasked with providing reports to the board and producing articles for the newsletter.

Community Outreach

Bates Technical College Engineering Club Mentor

Ongoing; *Approx. time commitment: 4 hours per month.* The Engineering Club at Bates Technical College is seeking an ASCE member who would attend meetings and provide a mentorship role to the students in the club. The club meets one evening per month.

Math and Science Tutor

Ongoing; *Approx. time commitment: varies.* Our Section members help local students with math and science tutoring through programs in our schools and colleges. If you have a knack for helping young people with their technical studies, our Section needs your help! You can volunteer for positions that are local and work within your time limitations.

Professional Engineer Exam Study Leader

Ongoing; *Approx. time commitment: 4 hours per month.* If you are interested in helping younger members pass the professional engineering exam, leading a study session is a great way to help out. You can do this individually or as a firm. We have local members who already provide examinees with help studying for the exam who can help you get involved or even develop a technical session of your own.

Volunteer Coordinator

Ongoing; *Approx. time commitment: 1 to 2 days per month.* This standing position is responsible for coordinating all of our volunteering opportunities so that members get the best possible options for participation. Responsibilities include finding and reporting on volunteering opportunities in our region and maintaining an updated list of

opportunities. This person would also serve as the point of contact for members interested in participating in events or assigned positions.

Section Programming

Programming Coordinator; *Approx. time commitment: 1 to 2 days per month.* This position is a standing position with the Section responsible for coordinating programming for the Section. The primary duty of this position is to secure speakers for upcoming programs.


Program Speakers; *Approx. time commitment: 2 days per event.* Our section is always looking for individuals willing to speak to the Section at our monthly programs. Topics pertaining to engineering are always welcome, but our Section has hosted speakers who have given presentations about a range of other topics as well. Speakers are provided with a meal and a small personal item as thanks for their willingness to contribute.

Calendar of Upcoming Events

February 2017

1	ASCE Tacoma-Olympia Board Meeting – 6:30 PM Hawks Prairie Restaurant and Sports Bar 8306 Quinault Drive Northeast Olympia, WA 98516 RSVP not necessary – open attendance to all members
13	Annual Joint Meeting of ITE and IMSA Washington – All-Day Doubletree Hotel Seatac 18740 International Boulevard Seattle, WA 98188 RSVP directly to the event by clicking here
16	Open House for STEM and Engineering Mentors – 5:30 PM Building 15, Room 303 Tacoma Community College 6501 South 19 th Street Tacoma, WA 98466 No need to RSVP – just come! Refreshments are provided.
19-25	Engineers Week 2017 Contact us to get involved! Lots of opportunities available! http://www.discovere.org/our-programs/engineers-week
21	PE Exam Study Session – 5:30 PM Tully's Coffee of Downtown Tacoma 764 Broadway Tacoma, WA 98402 RSVP at http://sections.asce.org/tacoma-olympia/events
24	St. Martin's University Annual Engineering Banquet – 5:30 PM Norman Worthington Conference Center 5000 Abbey Way Southeast Lacey, WA 98503 RSVP to the University by February 15th clicking here
24-26	Younger Member's Group Ski Trip Joint Trip with Oregon, Bellingham, and Seattle Sections RSVP at http://conta.cc/2ilDn7T

March 2017

1	ASCE Tacoma-Olympia Board Meeting – 6:30 PM Hawks Prairie Restaurant and Sports Bar 8306 Quinault Drive Northeast Olympia, WA 98516 RSVP not necessary – open attendance to all members
6	Water Resources and Environmental PE Exam Study Session – 5:00 PM Attendance is free and there will be pizza  City of Tacoma Center for Urban Waters 326 East 'D' Street, Tacoma, WA 98421 RSVP at our website: http://sections.asce.org/tacoma-olympia/events
28	17 th Annual MESA Day Pacific Lutheran University 12180 Park Avenue South Tacoma, WA 98447 Volunteer by signing up here!

Membership Information

National membership rates may be found at <http://www.asce.org/membership>.

Section membership rates

- Individual: \$25 per year
- Student member: free
- Life member: Free

Advertising Rates

Did you know you can purchase advertising space to promote your business, sponsor the section, and spread the word about job opportunities? Our newsletter is distributed to a growing membership base with about 500 viewers each month. We offer space in our newsletter at the following monthly rates:

- 1/4 page: \$25
- 1/2 page: \$50
- Full page: \$100

If you are interested in purchasing space in our newsletter, contact our treasurer Jessie Chen at (253) 310-6046 or Jessie.asce@hotmail.com.

If you're a member seeking employment, you can request space in our newsletter to run a short ad. All you need to do is contact us!

Connect with us on Facebook! [Click here!](#)
Check out our Instagram account! [Click here!](#)

Looking for a previous issue of the newsletter? You can find them all on our website at: <http://sections.asce.org/tacoma-olympia/newsletter>.

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Visit us online at <http://sections.asce.org/tacoma-olympia/>.