

President's Message

By R. Michael Hale



The first month of this new year of 2016 has already passed us by. Based on the groundhog, we have six more weeks of winter, if you follow that sort of thing. Of course, we are looking forward to the rest of the year with

much anticipation and enthusiasm. Engineers must *always* think and act in a positive manner.

We had a fantastic program in January at St. Martin's University in Lacey. The Presentation by WSDOT on the I-5 Improvements and HOV program in the Tacoma area was informative and interesting. Jon and Neal did a great job.

Also in January, the Region 8 and 9 Leadership Conference was held in Anchorage, Alaska. We had two people from the Section attend. It was an exciting conference. You may also know there was a 7.1 earthquake at the end of the conference – it shook up a lot of those in attendance.

St. Martin's University Engineering Department is hosting their Annual Engineering Banquet on Friday, February 26, 2016. This event serves as our Section meeting for February. I hope to see you come out and be a part of this wonderful event!

As you all know, National Engineers Week is this month. It is celebrated the week of the 21st. This provides us engineers the opportunity to participate in activities that demonstrate how we

contribute to our society – such as safe drinking water, accessible transportation, safe homes and buildings, sewers, public transportation – the list could go on! So please, do your part by participating in something or making something happen during this week. Our volunteering opportunities section of the newsletter can help you find ways to get involved.

We are always open to hearing from you about what things can be done to make your membership in our Section more meaningful or more valuable to you. Please let us know your thoughts and suggestions.

As always, thank you for taking the time to read our newsletter.

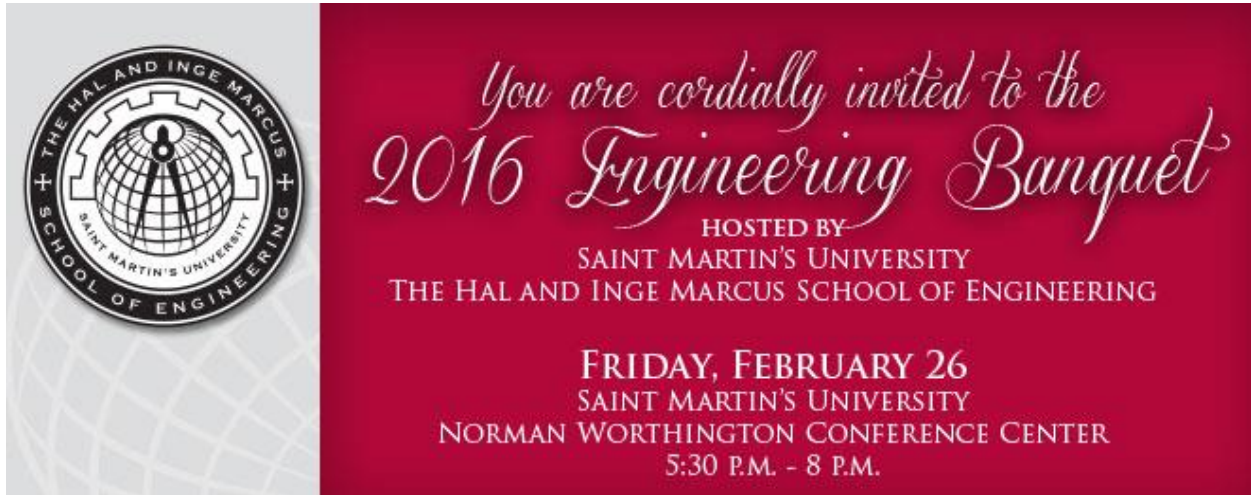
In This Issue

- **February 2016 Monthly Program**
- **February 2016 Announcements**
- **Multiple-Region Leadership Conference Recap**
By Frank Marescalco and Carlyn Harlow
- **Volunteering Opportunities**
- **Recent Events**
- **Calendar of Upcoming Events**

Volcanic rocks exposed by the historical eruption of Mt. St. Helens. This view is looking down in to the crater. Photo credit to Jennifer C. of www.metaphoricalplatypus.com

February 2016 Monthly Program

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



Join us for St. Martin's University's annual engineering banquet dinner. This premier South Puget Sound event is a fantastic opportunity to come enjoy a great meal and engineering program. The keynote speaker for this year's event is Pat McCarty, the Generation Manager for Tacoma Power. He will be presenting on fish passage projects at Tacoma Power's hydroelectric power generation dams. This event is attended by engineering firms and professional societies across the spectrum of the engineering industry. It is a unique opportunity to meet professionals from within and outside of the civil engineering profession.

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.

Speakers	Pat McCarty. Generation Manager, Tacoma Power
Date and Time	February 26, 2016 at 5:30 pm
Location	St. Martin's University Norman Worthington Conference Center 5000 Abbey Way Southeast Lacey, WA 98503
Schedule	5:30 pm – Social gathering 6:15 pm – Dinner and presentation 8:00 pm – End
Menu	The menu will be provided at the event. There are options available for those with food allergies, gluten sensitivity, objections to meat, or other special dietary needs. Please indicate any special dietary needs on the registration page.
Price	Members: \$40 Students: \$15
Reservations	To make a reservation, click on the following link: http://us9.campaign- archive1.com/?u=155128c16b7dda291da9e3555&id=588528ef56&e=5f0850830c (You may need to copy and paste the link in to your browser.)

February 2016 Announcements

We are pleased to report that 2016 took off in a big way for us! The holidays are over now, and it's time to get back in to the proverbial rhythm. We like to think that our rhythm is more like a live concert though. February is dedicated to engineering and we have opportunities for you to get involved in celebrating and promoting the profession through National Engineers Week and MESA day!

- ***Trivia Night for the Younger Members Group (Free Food!)***

Come test your trivia knowledge at the next Younger Members Group outing Monday, February 15 from 6 to 8 PM. The event will be held at the Harmon Taproom at 204 St. Helens Avenue in Tacoma. This should be a fun, low-key chance for the ASCE younger members to interact and enjoy some great drinks and *free appetizers!* Best of all, winning groups have a chance to receive \$100 in cash prizes! You can RSVP through Constant Contact or at tacoma.olympia.ymg@gmail.com.

- ***National Engineers Week, February 2016***

National Engineers Week is almost here! This week is dedicated to celebrating the achievements and importance of our profession. This is an excellent for professionals to get out in to the community to connect with the public and tell them about all the wonderful things that we as engineers do. Our section is looking for volunteers to engage! Contact any of your section officers to contribute. See our Volunteer Opportunities page for more information.

- ***MESA Day 2016 at Pacific Lutheran University***

The Math, Engineering, and Science Achievement program hosts an annual day of science and engineering events for students in Tacoma at the Pacific Lutheran University. This is an all-day event on Tuesday, March 29, 2016. The day's competitions include kraft stick bridges, prosthetic arms, catapults, straw towers, and more! We need volunteers who will act as coordinators, judges for competitions, and general help for the event. Contact Michael Hale at (253) 591-5766 or mhale@cityoftacoma.org if you would like to volunteer!

- ***Professional Engineering Exam Study Sessions***

The professional engineering exam study season is upon us! For those of you who are taking the test this April, I'm sure that studying is on your mind! Our Section will be holding an informal group study session this month on February 18th. In addition, we are pleased to announce that there will be free group study sessions focused on the environmental-water resources portion of the exam and the geotechnical portion of the exam coming up in March. Keep your eyes peeled for final dates and locations on those focus sessions. If you have questions about the study sessions, contact Frank Marescalco at (253) 591-5423 or fmarescalco@cityoftacoma.org.

- ***Upcoming Younger Members Group Workshops***

Next March, the Younger Members Group will be holding a workshop focused on resume review and interviews. This workshop will be great for members making a shift in their careers and students entering the profession. Look for details in our March newsletter. If you or anyone you know is interested in hosting a technical tour, training session, or similar event for our YMG, please contact Carlyn Harlow at tacoma.olympia.ymg@gmail.com.

- ***Vacant Director Position***

Our Section board has one vacant director position and we are seeking to fill that position. This is a great opportunity for members anywhere, but especially for members on the peninsula, the coast, or rural regions in between whose membership may not be represented geographically by our existing Tacoma-Olympia leadership team. If interested, submit your name to any board member!

2016 Multiple-Region Leadership Conference Recap

By Frank Marescalco and Carlyn Harlow

Carlyn and I recently had the pleasure of attending the ASCE's annual Multiple-Region Leadership Conference, an annual event open to members which focuses on leadership training and the Society's initiatives. The conference lasted for two days. It was held in Anchorage, Alaska. The experience is a valuable one for those of us who wish to pursue a leadership position in our industry or even within your individual organizations or firms.



Highlights from the conference included sessions on emotional intelligence, generational differences, professional ethics, how to have difficult conversations, and best practices for ASCE leaders.

The event also offered attendees an opportunity to interface directly with our leaders at the highest levels. Since ASCE really brought all of its resources to bear at this conference, it was a fantastic opportunity to dig in to those tough issues facing our industry. A number of

sessions were held with the industry champions on ASCE initiatives like Raise the Bar, infrastructure funding, legislation and government relations, sustainability, and disaster recovery. You get a different perspective on the big issues when you have a chance to discuss them with the people who champion them every day.

When I originally signed up for this conference, the prospect of Alaska in January seemed...chilling (pun intended). It was my first visit to the state, and I was pleasantly surprised. Anchorage itself is a lively town with great spots for craft beer, Alaska Native American art, excellent food, and lots of big game wildlife. Immediately after stepping off the plane, I set eyes on the world record for the largest moose ever taken and the largest halibut ever caught. "You really have to be there" doesn't quite do it justice. Seasonal attractions included a city park full of captivating ice sculptures and a complimentary 7.1-magnitude earthquake.

This was Carlyn's first time attending an ASCE conference, and what an excellent experience it was! She loved rubbing elbows with leaders such as Mark Woodson, ASCE President, and Norma Jean Mattei, ASCE President-Elect. Carlyn got a chance to spend one-on-one time with Kristina Swallow and Robin Kemper, the 2017 President Elect Nominees, and really picked their brains about topics such as Raise the Bar and how to acquire more community outreach opportunities for our Section. Since the Younger Members Group is still relatively new to our Section, Carlyn took this opportunity to sit in on focus sessions about bridging the gap between Student Chapters, Younger Members, and Sections. She gained insight on how other sections are getting their younger members and student chapters more involved. Carlyn cannot wait to apply some of the knowledge she gained at this conference to our Section to make it better than ever!

The feelings I had when I left the conference can be summed up in one word as "enthusiastic." My civil engineering spirit felt renewed and refreshed, and I felt ready to take on the next steps in my career, my role in ASCE, and my role in the profession as a whole. It was an authentic experience that reminded me how important our role is as leaders and as stewards of the public's health and safety.

"Never doubt that a small group of thoughtful, committed citizens can change the world; indeed, it's the only thing that ever has." – Margaret Mead



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

Webmaster; *Approx. time commitment: 1 day per month.* This position is a standing position with the Section. Responsibilities include updating and maintaining the Section's online presence.

Membership Steward; *Approx. time commitment: 0 to 2 days per month.* This standing position with the Section is responsible for increasing member recruitment, retention, and participation. The position may include occasionally being a lead for events, interpreting survey/feedback information from members, and attending board meetings.

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.

Project and Engineer Awards Committee Chair; *Approx. time commitment: 0 to 2 days per month.* The Outstanding Projects and Leaders (OPAL) Awards Committee is responsible for organizing the Section's annual awards program in April. The committee campaigns for and accepts nominations for awards in various categories (set by the committee) and chooses winners for the awards. The program also recognizes our life members at the ceremony. The committee may also be tasked with providing contributions to the Section's newsletter pertaining to outstanding projects and engineers in the community.

Historical Committee Chair; *Approx. time commitment: 1 to 2 days per month.* The Historical 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 Chair/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

Puget Sound Engineering Council Engineering Fair 2016

February 6, 2016; *Approx. time commitment: 2 hours.* The Puget Sound Engineering Council is hosting its annual Engineering Fair at the Boeing Museum of Flight on Saturday, February 6, 2016. They need volunteers to man the booth and speak to people who attend the fair. This is a great opportunity to help out one of our sister organizations in the area and engage the community.

National Engineers Week 2016

February 21 to February 27, 2016; *Time commitment varies.* National Engineers Week is dedicated to celebrating the achievements and importance of our profession. Our Section would like members to speak at schools in the community. The audience could be classes anywhere from Kindergarten up to college seniors, depending on what audience you prefer. The Section has resources available for speakers so that our volunteers do not need to develop a program from scratch. This is a fantastic opportunity to engage students of all ages and show them the rewards of being an engineer!

MESA Day 2016 at Pacific Lutheran University

Tuesday, March 29, 2016; *Approx. time commitment: 8 hours.* The Math, Engineering, and Science Achievement program hosts an annual day of science and engineering events for students in Tacoma at the Pacific Lutheran University. This is an all-day event on Tuesday, March 29, 2016. The day's competitions include kraft stick bridges, prosthetic arms, catapults, straw towers, and more! We need volunteers who will act as coordinators, judges for competitions, and general help for the event.

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.

Recent Events

This year is off to a great start and we are pleased to report on the success of a number of our recent events. If you missed out, then now's the time to sign up for future events!

St. Martin's University Social

The Student Chapter of ASCE at St. Martin's University held an informal evening social on its campus this January. The event was a tremendous success with over 30 people in attendance. Students had a chance to interface with professionals and ask questions about entering the profession. It was a "first look" for students and professionals at mentoring events. Our Section is currently undertaking efforts to expand mentoring between experienced professionals, younger members, and student members.



Washington State Department of Transportation Program

Our January Section program was a presentation by Washington State Department of Transportation project engineers on the current Interstate Highway 5 expansion projects in Tacoma, Washington. The speakers presented on the new bridge crossing the Puyallup River and the high-occupancy-vehicle expansion programs. It was a truly fascinating inside look at this project, which is something that many of us drive by every day. Our Section extends its gratitude to our presenters Neal Uhlmeyer and Jon Deffenbacher: thank you! Our thanks also to the catering services – the food was excellent!



Calendar of Upcoming Events

February 2016

2	ASCE Tacoma-Olympia Board Meeting – 6:00 PM Peanut Sauce Thai Cuisine 5003 Tacoma Mall Boulevard, Suite 105, Tacoma, WA 98409
6	Puget Sound Engineering Council's Annual Engineering Fair – All-day Event Boeing Museum of Flight 9404 East Marginal Way South, Seattle, WA 98108 Contact Carlyn Harlow at carlynharlow@gmail.com
15	Younger Member's Group Trivia Night – 6:00 PM The Harmon Tap Room 204 St. Helens Avenue, Tacoma, WA 98402 RSVP through Constant Contact or at tacoma.olympia.ymg@gmail.com
17	Structural Engineers Association of Washington Trade Show – 3:00 PM to 8:00 PM Emerald Queen Casino 5700 Pacific Highway East, Fife, WA 98424 Free pre-registration at http://www.seaw.org/events
18	Spring 2016 PE Exam Study Group – 5:30 PM Tully's Coffee in Downtown Tacoma 764 Broadway, Tacoma, WA 98402 Contact Frank Marescalco to register or sign up via Constant Contact
21–27	National Engineers Week – Contact us to participate!
26	St. Martin's University Engineering Banquet – 5:30 PM Norman Worthington Conference Center 5300 Pacific Avenue Southeast, Lacey, WA 98503 Click here to register online or see page 2

March 2016

1	ASCE Tacoma-Olympia Board Meeting – 6:30 PM Location TBD – Olympia, WA
10	Annual Joint Section Meeting with the Society of American Military Engineers Lunch Meeting – 11:30 am to 1:00 pm Eagles Pride Golf Course I-5 Exit 116, Joint Base Lewis-McChord, Tacoma, WA 98433 Register through Kim Kaul at kkaul@ahbl.com
29	MESA Day – All-day event Pacific Lutheran University We need volunteers! Contact Michael Hale at (253) 591-5766 or mhale@cityoftacoma.org

April 2016

15	Spring 2016 Professional Engineer Exam
-----------	--

Membership Information

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

Section membership rates

- Individual: \$25 per year
- 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

Looking for a previous issue of the newsletter? The Tacoma-Olympia section of ASCE participates in ASCE's Higher Logic online community. You can access your account, and all of our past newsletters and online resources, at <http://collaborate.asce.org/ewrinstitute/home>.

Branch Contact Information

President

R. Michael Hale, P.E.
City of Tacoma
(253) 591-5766

mhale@cityoftacoma.org

President-Elect

Frank Marescalco
City of Tacoma
(253) 591-5423

fmarescalco@cityoftacoma.org

Secretary

Carlyn Harlow
Apex Engineering, PLLC
(253) 473-4494

carlynharlow@gmail.com

Past President

Katie Hesterberg
(253) 888-7873

eagleddy@yahoo.com

Treasurer

Jessie Chen
APA – Engineered Wood Association
(253) 310-6046

Jessie.asce@hotmail.com

Director

Derek McCoy
U.S. Army
(719) 200-3041

dukemccoy@gmail.com