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## March 2020

### March ASCE Seattle Section Dinner Meeting **Local Outstanding Civil Engineering Achievement Awards!**

**Wednesday, March 18, 2020**

This special ASCE Seattle dinner program will feature Local Outstanding Civil Engineering Achievement (LOCEA) presentations and awards, and celebrate ASCE Life Members. The annual LOCEA awards recognize outstanding projects in the categories of Geotechnical, Structural, Ports and Waterways, Water Resources, Transportation and Development, and Small Project and Non-Construction Studies. Eligible projects are those that: have been accomplished by a civil engineer who is a member of the Seattle Section; is located within the Seattle Section (includes the counties of King, Snohomish, Kitsap, Whatcom, Skagit, San Juan, Island, Clallam, and Jefferson); was substantially completed in the calendar year 2019; and is predominantly civil engineering-related work.

Please come to celebrate everyone's achievements! [Read more about the LOCEA Awards here.](#)

**Executive Inn**  
**200 Taylor Ave N**  
**Seattle, WA 98109**

5:30pm Registration/Networking  
6:00pm Dinner  
7:00pm Program

See Registration Page for Ticket  
Registration Pricing

**Early Registration Ends  
Wednesday, March 11, 2020**

[Click Here to  
Register](#)



### March President's Column

By Henry Haselton, PE, PMP, Seattle Section President

March is the month that we celebrate the civil engineering successes of the Seattle Section with the Local Civil Engineering Awards (LOCEA). Applications for numerous worthy projects have been received, and the best ones will be awarded during our March 18 meeting. [Come out to support your colleagues and learn about the challenging and interesting projects they have designed and built in 2019.](#) This will be an excellent networking opportunity, and the projects that will be showcased are sure to be

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APRIL 2020  
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MARCH 20, 2020

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interesting.

Speaking of awards, I attended the Puget Sound Engineering Council (PSEC) Engineering [Awards Banquet](#) on February 15, where seven engineers were recognized for their excellence and achievements. It was inspiring to hear the stories of these successful engineers and fun to mingle with engineers from other disciplines. ASCE leadership representatives filled two tables at the banquet, and all the five awards given at the banquet were nominated at least in part by ASCE. I encourage you to start thinking about worthy candidates to honor at next year's banquet.

Another event that I am looking forward is the ASCE Legislative Fly-in in Washington DC on March 11 and 12. I will be joining over 250 ASCE members from around the nation on an intensive two-day program that provides participants with an inside look at the public policy process, opportunities to meet members of Congress or their staff, briefing sessions on key legislation active in Congress and ASCE's legislative priorities, and tips on continuing relationships with your elected officials once you return home.

Here in Seattle, nominations will soon be made for candidates to fill leadership positions on the Seattle Section Board and other important committee positions. These are great ways to get involved with ASCE, strengthen your leadership skills, network with colleagues, and have a lot of fun along the way. Please contact me at [president@seattleasce.org](mailto:president@seattleasce.org) if you have any interest in getting more involved with your Society at the local level. The value of your membership is much greater when you are actively involved with committees and/or leadership positions, collaborating and networking with Seattle area civil engineers who are making a positive impact on our communities.

**DID YOU  
KNOW?**

All ASCE Seattle Members are always invited to join the Seattle Section Board Members at the monthly Board Meeting. Interested in attending? Check the [calendar on the ASCE Seattle website](#) for the meeting time and location and email [president@seattleasce.org](mailto:president@seattleasce.org) if you plan on joining us!

## 2020-2021 ASCE Seattle Officer Nominations

Have you been thinking about getting more involved in ASCE? Please consider joining the Seattle Section Board. We are a fun and energetic group that seeks to bring value to the ASCE Seattle Section membership. The Seattle Section is seeking nominations for 2020-2021 Board positions. Email past-president [Eset Alemu](#) or current president, [Henry Haselton](#) if you are interested!

## Spring Scholarship Opportunities

ASCE Seattle has three scholarship opportunities now accepting applications:

## Seattle Younger Member Forum Scholarship

**Applications Due: April 4, 2020**

The Seattle Section YMF has been raising money since 2004 to establish a scholarship program encouraging students to pursue a career in engineering. A scholarship of \$1,000 will be awarded in the name of the Seattle Section Honorary Members of ASCE. The award will be presented at the May Seattle Section ASCE dinner meeting in Seattle. Dinner will be provided for the winner and up to two guests

- Must be a senior in high school
- Show proof of acceptance to a 4-year institution
- Pursuing a field related to math, science, technology, and/or engineering

Applications are graded on the following categories:

- Club/organization/team involvement and employment
- Community service
- Two short essay questions

[Download the 2020 application form here.](#)

Winners will be announced on April 17, 2020

Award will be presented at the May ASCE Seattle Section Meeting

Questions? E-mail Steven Tuttle at [ymf.scholarship@gmail.com](mailto:ymf.scholarship@gmail.com).



## R. H. Thomson Scholarship

**Applications Due: April 25, 2020**

The R. H. Thomson Memorial Scholarship is an annual scholarship awarded by the Seattle Section each year to honor the accomplishments of R.H. Thomson. The application must be postmarked by April 25, 2020 and announcement of the recipient will be made by June 30th. The scholarship in the amount of five-thousand dollars (\$5,000) will be awarded for the 2020-2021 school year. The disbursement could be in one year or in four years, depending on the recipient's college career schedule. The aim of the scholarship program is to encourage students to pursue a course of study leading to a Bachelor or a Master of Science degree in Civil Engineering or one of the specialties within the Civil Engineering discipline. It also strives to honor R. H. Thomson, a civil engineer who had a profound and lasting impact on Seattle's infrastructure.

For more information please read the [application](#).

[Download a Word version of the application submittal form here](#)

## Richard Williamson Jones Scholarship

**Applications Due: May 20, 2020**

The Richard Williamson Jones Memorial Scholarship was established by his wife, Kathie, because Richard often commented that when he was a student, he would have been much better off if he had just had a little more money for books and supplies. The scholarship continues through Kathie Jones' estate.

Richard Jones was a civil engineer and a member of the Seattle Section of ASCE, when he died in an airplane crash at the age of 53. He was a graduate of the University of Washington and was admitted as a Member of the Society in 1949 and as a Fellow in 1959. Mr. Jones joined General Construction Company in 1933 where he worked on many projects in the Seattle and Portland area, including the Bonneville Dam and as Chief Engineer on the Hungry Horse Dam. At the time of his death, he was Executive Vice President of General Construction Company.

The maximum scholarship amount distributed annually is \$2,000.

[Download the 2020 application form here.](#)

## YMF Seattle Events

Stay current on ASCE Seattle YMF events, activities, and opportunities by visiting their new website, [seattleasceymf.org](http://seattleasceymf.org)!

March YMF events include:

- [Volunteer Activity: Clover Park STEM Fair, Saturday, March 7, 8:30am - 2:00pm](#)
- [Volunteer Activity: FareStart Kitchen, Saturday, March 14, 10:00am - 3:00pm](#)
- [Westside Networking Happy Hour, Thursday, March 19, 5:30pm - 8:30pm, Elysian Capitol](#)

- [Volunteer Activity: Federal Way High School STEAM Fair, Wednesday, March 25, 5:30pm - 8:00pm](#)

## Fund the 2020 Pacific Northwest ASCE Student Conference - Donations Needed!

UW ASCE still needs over \$20,000 to finance the 2020 Pacific Northwest Regional Competition! We are seeking both company and individual donors.

Your contribution will help close our fundraising gap to put on an incredible conference for over 300 students. Whether you would like to contribute \$20, or your company would like to contribute \$1000, no donation is too small!

Our [crowdfunding page](#) outlines all of our donation tiers and benefits that you as a donor will receive. If you have any questions, or would prefer to mail a check rather than donate online, please email [asce@uw.edu](mailto:asce@uw.edu). Thank you for your support!



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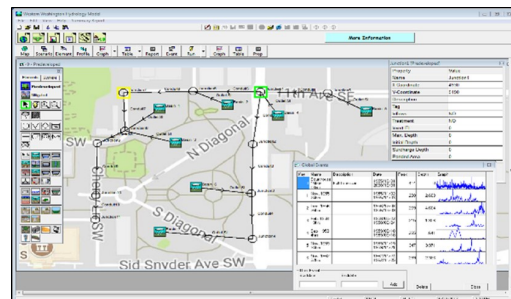
In April 2020, the ASCE Aerospace Division will be hosting the 17th biennial International Earth and Space Conference in Seattle, Washington. There will be experts and leaders from around the world in civil engineering, construction, architecture, aerospace engineering, in-situ resource utilization, planetary science and more! The event will highlight cutting edge work in engineering, science, construction, and operations for extreme environments on Earth and in Space. For additional details see: <https://www.earthspaceconference.org/>

There will be more than 200 technical papers presented over the 4-day conference which include a pre-conference short course and post-conference tours. Special programs for the plenary sessions should be of particular interest to students and young professionals. **As a special incentive particularly for local students, students are invited to attend the plenary sessions free of charge!**

## EWRI March Speaker Series: WWHM-SWMM New Modeling Software

Thursday, March 19, 12:00pm - 1:00pm  
[Osborn Consulting](#)  
1800 112th Ave NE, Suite 220-E  
Bellevue, WA 98004

The appropriate design of stormwater facilities for both flow control and water quality requires accurate stormwater modeling. Clear Creek Solutions has developed a new stormwater modeling software package called "WWHM-SWMM".



WWHM-SWMM combines EPA's HSPF and SWMM in one package. HSPF's hydrology and water quality continuous simulation algorithms accurately simulate rainfall-to-runoff processes. SWMM's sophisticated hydraulic dynamic wave equations accurately model stormwater conveyance features. Together, HSPF and SWMM provide the tools to model stormwater accurately and realistically. This presentation will demonstrate the value of combining HSPF and SWMM and discuss issues related to the linkage of the



two modeling packages. Examples of where this combination of packages have been used will be presented.

### Speaker(s)

Joe Brascher and Doug Beyerlein, Clear Creek Solutions

Join via conference call. [More info here.](#)

## Puget Sound Engineering Council Coordinates Engineers Week Activities

Huge thanks to all our volunteers that made Popsicle Stick Bridge a hit! Special thanks to our PSB coordinator, committee chairs, & hosts!



## Member Recognition

The Puget Sound Engineering Council (PSEC) awards banquet was held on Saturday, February 15. PSEC is an overarching society that encompasses multiple engineering societies. ASCE swept the competition and went home with all 5 awards! Congrats to:

- **Kristina Low**, Kenneth Porter K-12 Engineering Educator of the Year
- **Bobbie Gilmour**, Young Engineer of the Year
- **Professor Laura Lowes**, Academic Engineer of the Year
- **Susan Everett**, Government Engineer of the Year
- **Andrew Taylor**, Professional Engineer of the Year



ASCE's Aerospace Division recognized Seattle member, **Brent Sherwood** in receiving the 2020 Columbia Medal for "demonstrated leadership and dedication to space exploration, space architecture, and in situ resource utilization. He has made a lasting impact on space exploration and continues to make leaps toward human settlement of the moon and eventual lunar mining ventures." Brent will be recognized at the [Society's Earth and Space Conference in Seattle, WA, April 20-23, 2020](#). Congratulations Brent!

[Steve Kramer](#), a professor of UW civil and environmental engineering, has been elected to the [National Academy of Engineering](#). Kramer is among 87 members and 18 international members [newly elected](#) to the academy, one of the highest professional distinctions in engineering. Membership to the academy recognizes outstanding contributions to the field of engineering, from research to practice to education. Kramer was elected for "contributions to geotechnical earthquake engineering, including liquefaction, seismic stability and seismic site response." Read the full article in [UW NEWS](#).

## Safety Assessment Program (SAP) Training

The goal of the Safety Assessment Program (SAP) is to help local government perform accurate facility safety assessments as quickly as possible. This will allow people to use safe homes and businesses, and ensure that people are prohibited from entering unsafe structures after a disaster. SAP Evaluators survey damaged facilities to determine if there are safety hazards to building occupants or to the general public. SAP Evaluators also provide recommended posting of placards that denote the condition of each structure evaluated. This full-day Evaluator Training class, trains Civil Engineers, Architects, Plans Examiners and Building Inspectors to do field evaluations of building and other infrastructure for safety.

### Save the Date for Upcoming SAP Training!

**When:** Thursday, April 16, 7:00am - 4:00pm

**Where:** 2nd floor conference room at St Martin's University, Cebula Hall (accommodates 30-35)

**Cost:** \$80 for members and \$110 for non-members, including food. Students and faculty will be free.

# Committee Volunteer Opportunities

## Legislative Committee

If you are interested in joining the Legislative Affairs Committee, please reach out to [legislative@seattleasce.org](mailto:legislative@seattleasce.org). For 2020 we will be meeting by teleconference monthly on the first Friday at 8:30 am during the 2020 legislative session. Upcoming dates include March 6, April 3, and May 1.

ASCE Seattle Section is searching for volunteers to assist with the Legislative Affairs Committee. The level of Involvement can vary and can include providing engineering judgement on current legislative issues to assisting with lobbying. The committee is interested in a Legislative Drive-In to Olympia during the 2020 WA State Legislative Session.

The Legislative Committee functions in the political arena with focus on federal, state, county or other governmental issues that are of interest to the civil engineering profession; such as university engineering budget considerations, issues that affect the practice of or employment of civil engineers, and environmental issues of significance to the profession. The committee reviews proposed legislation and comments on it with regards to its effect on the civil engineering profession and may also be called upon to testify at Legislative hearings or for other governmental committees. It is also responsible for disseminating information from the Architects and Engineers Legislative Council (AELC) pertaining to state legislation. The committee typically sends at least one representative to the Society's annual Legislative Fly-In in Washington D.C.

## Current Job Openings

- **Development Review Engineer / Deputy Development Program Manager** - Clark Regional Wastewater District
- **Engineer Senior** - City of Redmond
- **Civil Engineer** - MIG, Inc.
- **Senior Engineer** - City of Woodinville
- **Mid to Senior Level Structural & Civil Engineers: Marine, Port, & Federal Infrastructure** - Reid Middleton

**Click here** to apply or post your job today!

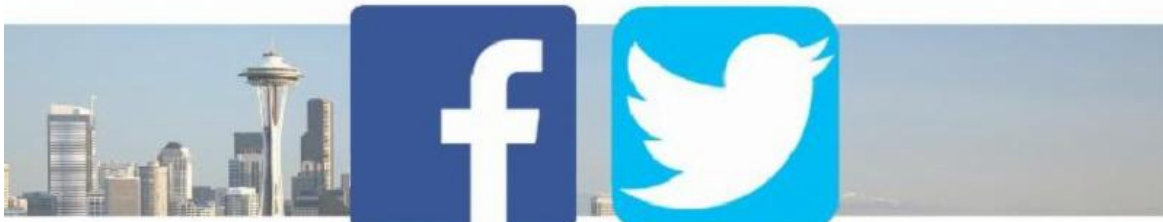
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