



SEATTLE SECTION NEWSLETTER

November 2016
Volume 52 No. 3

Section Officers

October 1, 2016 – September 30, 2017

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WEBMASTER

Eric Knigge
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ASCE Seattle Section and COPRI Seattle Joint Meeting

Wednesday, November 30, 2016

Place: Mirabella, 116 Fairview Ave N, Seattle, WA 98109

Cost: Early Bird Rates end after Monday, November 28
\$45 (\$40 early bird) for General Admission
\$20 for students and free agents

Online registration closes November 28; after that,
contact Younes Nouri at younes.nouri@mottmac.com

Meal: Buffet style (vegetarian and gluten free options available)

5:30 p.m.	Networking/Social
6:30 p.m.	Dinner
7:15 p.m.	Program

[Click here to register.](#)

For assistance with online registration, please contact
Younes Nouri at younes.nouri@mottmac.com

Direct questions or comments regarding meetings to Section
President Kelli Dean at seattleascepresident@gmail.com

Topic: Alternative Funding for Infrastructure Projects with a case study of P3 for Port of Calais, France

Philippe Rapin, Mott MacDonald

The presentation will introduce the concept of Alternative Delivery and P3 and will share a case study about Port of Calais in France. Through Alternative Delivery, Port of Calais managed to use Public Private Partnership to contract out with minimum subsidies the DBFM and Operation of a Port extension via Concession and Availability Payment Project Financing.

The next newsletter deadline is:
5:00 p.m.
Sunday, November 20, 2016

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Newsletter Editor:  
**Todd Crandell**  
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Phone: (206) 459-2250

#### CHANGE OF ADDRESS:

All changes to your address (including your newsletter e-mail address) should be provided to ASCE at [www.asce.org](http://www.asce.org) or: 1801 Alexander Bell Drive, Reston, VA 20191-4400.

The Seattle Section will receive your updated information from ASCE.

#### AMERICAN SOCIETY OF CIVIL ENGINEERS, SEATTLE SECTION

<http://www.seattleasce.org>

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#### ASCE SEATTLE SECTION NEWSLETTER ADVERTISING RATES

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Business Card size \$100  
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To place an ad or for more information, contact the editor at [seattleASCEnews@gmail.com](mailto:seattleASCEnews@gmail.com).

## President's Column

By Kelli Dean, PE, M. ASCE, Seattle Section President

I'd like to thank our outgoing Board members for their volunteer efforts: Stefanie Herzstein, Past President; Lisa Hobart, Director; Courtney Davis, YMF Board Representative; and Gene Gladden, Treasurer.

#### Upcoming Events:

November 10, 2016: SEFW Structural Engineering Foundation of Washington is hosting their Fall Forum on November 10 at Benaroya Hall. For more information see the flyer attached at the end of this newsletter or visit [www.seaw.org/events](http://www.seaw.org/events).

November 30, 2016: ASCE Seattle Section Membership Meeting – Topic: Alternative Funding for Infrastructure Projects with a case study of P3 for Port of Calais, France. See page 1 of this newsletter for more information.

#### October Membership Meeting Recap:

The new Board officers were sworn in after taking the oath to uphold the mission of ASCE. The oath is composed of a commitment to excellence through each individual's best effort to uphold the following canons: Holding Safety Paramount, Service with Competence, Issuing True Statements, Acting as a Faithful Agent, Building a Reputation through Merit, Upholding Professional Honor, and Continue Professional Development.

*"1. Engineers shall hold paramount the safety, health and welfare of the public and shall strive to comply with the principles of sustainable development in the performance of their professional duties.*

*2. Engineers shall perform services only in areas of their competence.*

*3. Engineers shall issue public statements only in an objective and truthful manner.*

*4. Engineers shall act in professional matters for each employer or client as faithful agents or trustees, and shall avoid conflicts of interest.*

*5. Engineers shall build their professional reputation on the merit of their services*

See **President's Column** on page 3

## November Speaker Bio

**Philippe Rapin** has over 10 years of experience in Alternative Delivery / P3 projects, providing procurement and transaction technical advisory to public and private clients. With over 50 projects in multiple jurisdictions in North America and Europe, Philippe brings valuable expertise to clients to improve project risk transfer, financial viability, and ultimately successful procurement. Philippe draws on his expertise leading teams across various sectors: roads, transit, ports, water, aviation, buildings, waterways. In the port sector, Philippe has been involved in projects such as the Port of Philadelphia (USA), RBT2 (Canada), Le Port de Calais (France), and Tangiers Med II (Morocco).

*and shall not compete unfairly with others.*

*6. Engineers shall act in such a manner as to uphold and enhance the honor, integrity, and dignity of the engineering profession and shall act with zero tolerance for bribery, fraud, and corruption.*

*7. Engineers shall continue their professional development throughout their careers, and shall provide opportunities for the professional development of those engineers under their supervision."*

(ASCE National, First adopted in 1914, the ASCE Code of Ethics is the model for professional conduct for ASCE members. The Code of Ethics was most recently updated on July 23, 2006.) For more details about each of these canons, visit [www.asce.org/code-of-ethics/](http://www.asce.org/code-of-ethics/).

Larry Kyle P.E., S.E., who is part of Washington State Department of Transportation's SR520 Leadership team, provided members with a fascinating, comprehensive and technically detailed presentation that described all sorts of details related to stormwater conveyance, pollutant collection and disposal, optimized geotechnical solutions, and unique structural refinements used to complete work on the eastside connection structures, west side connection structures, highly complex floating bridge pontoons and anchorage parts, arterial connectors within the corridor including marine construction highlights. The presentation touched on multiple technical areas and provided collaboration insights between project partners including other municipalities, neighbors, utility systems, and system users; while managing to educate the membership about past and current political and funding realities in the corridor. Members were educated about the remaining work still to be done on what is known as the "rest of the west part of the SR520 corridor."

### **National Updates**

Ben Walpole, recently described two important goals for ASCE: Back ASCE 7-16 and Reduce infrastructure Lifecycle Costs. "Civil engineers around the world have begun taking a pledge to support the ASCE Grand

Challenge and its goal of cutting infrastructure life-cycle costs in half by 2025." (Walpole) For more information, visit [news.asce.org/convention-a-launch-pad-for-asce-grand-challenges-next-phase/](http://news.asce.org/convention-a-launch-pad-for-asce-grand-challenges-next-phase/).

"The American National Standards Institute-accredited consensus standard ASCE 7-16, Minimum Design Loads and Associated Criteria for Buildings and Other Structures, is slated for publication in early 2017 with a user-friendly online version available for the first time.

First, though, there is the question of adoption by the International Code Council. The National Association of Home Builders is opposing ASCE 7-16 over cost concerns. The measure will be considered during the Group B Public Comment Hearings at the 2016 ICC Annual Conference in Kansas City, MO, Oct. 19-25.

ASCE 7-16 Chair Ron Hamburger, S.E., P.E., SECB, F.SEI, during a recent interview with ASCE News, discussed the importance of ASCE 7-16 and outlined what ASCE members can do to help in its adoption." (Walpole)

For more information see the full article at: [news.asce.org/members-urged-to-tell-code-council-to-back-asce-7-16/](http://news.asce.org/members-urged-to-tell-code-council-to-back-asce-7-16/).

### **Volunteer Needs**

Please review the [ASCE Seattle Section website](http://www.asce.org/seattle) for posted volunteer opportunities, including the following:

- **ASCE Seattle "Dream Big"** volunteer needs coming soon.
- **ASCE Washington State Report Card Lead:** There is a great opportunity to lead a multi-person team creating an update to the 2013 Washington State Infrastructure Report Card.
- **ASCE Washington State Advocacy Captain:** For details about the State Advocacy Captain role, visit [www.asce.org/advocacy/](http://www.asce.org/advocacy/).

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## November ASCE Water Resources Brown Bag Presentation

By Ryan Dunne and Patrick Vandenberg, WRE Committee Co-Chairs

Hello Seattle ASCE WRE members!

Come join us this month in Seattle for a lunchtime talk about how dam removal affects fish habitats. This month's meeting is at Brown & Caldwell in Seattle. No RSVP is necessary. Thank you!

You can always go our webpage for further updates and notices. Check out its new mobile-friendly format: [www.seattleasce.org/committees/water\\_resource.php](http://www.seattleasce.org/committees/water_resource.php).

Date: November 17th, 2016

Time: 12:00 - 1:00 PM

Location: Brown & Caldwell Seattle Office, One Convention Place, 701 Pike Street, Suite 1200, (206) 624-0100 [[Map link](#)]

Logistics: No registration is necessary. Lunch is not provided so bring your own. Contact [seattleascewre@gmail.com](mailto:seattleascewre@gmail.com) with questions.

Title: Putting things into perspective: patterns, processes and outcomes of dam removal on the Elwha River

Speaker: Jeff Duda, USGS

Speaker Bio: Jeff Duda is a research ecologist with the U.S. Geological Survey's Western Fisheries Research Center in Seattle, Washington. At USGS for 18 years, he has conducted research to determine the ecological effects of human activities and natural disturbance regimes on a wide variety of aquatic and terrestrial organisms and ecosystems throughout the United States. Since 2004, Jeff has developed research programs in freshwater, estuarine, and marine ecosystems during and following the largest dam decommissioning in U.S. history on the Elwha River in the state of Washington. He is the team leader of the multidisciplinary USGS Coastal Habitats in Puget Sound Elwha team and a Principal Investigator on a

recent project synthesizing the physical and ecological effects of dam removal at the USGS John Wesley Powell Center for Analysis and Synthesis.

Abstract: Dam removal has emerged as a common practice. In the United States, over 1,300 dams – most less than 10 m in height – have been removed from rivers for a variety of reasons, including economics, safety concerns and environmental benefits. A heyday of dam building in the middle of the 20th century coupled with a legacy of mill and other small dams over a hundred years old have created hundreds of thousands of dams that have fundamentally altered fluvial ecosystems in the U.S.; yet this infrastructure is aging and society is and will continue to be faced with addressing tough decisions about the fate of aging dams. In particular, smaller dams that have outlived their usefulness are likely to continue coming down. But what about larger dams, which to date have been less commonly removed? After decades of debate, planning, and environmental impact studies, the largest dam removal project in U.S. history was conducted on the Elwha River in Washington State, USA, from 2011 to 2014. The story of this river, with rugged headwaters, protected wilderness, legendary and culturally important salmon runs, and two hydroelectric dams whose placement marshaled wholesale socioeconomic and ecological changes, has become an iconic saga of change, perseverance and renewal. The two dams blocked fish migrations and disrupted sediment transport for a century, disrupting the structure and function of the Elwha River. Removal of the 64-m and 32-m tall dams and the release of a large portion of the 21 million cubic meters of stored reservoir sediment, has provided a living laboratory to study the patterns, processes and outcomes of dam removal from multiple scientific perspectives. This presentation will provide a tour of what has been called a "Science Disneyland," share progress on the rebirth of a river ecosystem, and place this project into a larger perspective of dam removals and river restoration in the 21st century.

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## Make a Difference! Volunteers Needed for the Lake Stevens HS Civil Engineering Club

By Kelli Dean, PE, M. ASCE, Seattle Section President

The Lake Stevens High School Civil Engineering (CE) Club had a successful inaugural year during the 2015-2016 school year. About a dozen club members met regularly to learn about civil engineering and complete activities provided in ASCE's Civil Engineering Club Bridge, Water, and Transportation lesson modules. For the 2016-2017 school year, students are eager to keep the momentum going and are looking for an ASCE member to act as the club's Lead Engineer, as well as other volunteers and mentors to be guest speakers at club meetings or provide tours of their office or project sites. This is an opportunity to engage young minds, influence students' perceptions of engineers, and help the students explore the possibility of a career in civil

engineering. The Lead Engineer will act as a liaison between the club and ASCE Headquarters so the students have access to the financial and material support offered by ASCE's Pre-College Outreach program. The club cannot continue without the support of an ASCE member as a Lead Engineer! The Lead Engineer can also help enlist other volunteer support and lead club projects and activities, as desired. Acting as the Lead Engineer or other CE Club mentor is your chance to inspire the next generation, be inspired by them (the enthusiasm is contagious), and give back to the community. Please contact Melissa Wu ([mwu@ch2m.com](mailto:mwu@ch2m.com)) if you are interested in helping inspire the next generation!

### Section Membership Updates

As of October 31st, 2016; 31 members have enrolled or renewed with the Seattle Section (Seattle, Kitsap Branch and North Branch) since September 20, 2016. The Seattle Section currently has 2,449 members, 421 Life Members and 1,144 dues paying members. Kitsap now has 155 members and North Branch has 148 members. There are currently 499 YMF members at large in the Seattle Section. ASCE continues to grow steadily in the Puget Sound.

### Reach over 2,000 Engineering Professionals

Post Your Employment Ad in this Newsletter  
and on the Seattle Section Web Site

See advertising details  
on page 2

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## Employment Notices

To post an employment notice in the newsletter and on the Section's web site, please contact the [newsletter editor](#) in advance of the monthly deadline (the 20th of the month). Rates for advertising are shown on page 2.

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### Civil/Structural Engineer

Are you looking to work in a team oriented, dynamic company with state of the art technology? Do you want to work in the beautiful Skagit Valley - rich in opportunities for fishing, kayaking, and hiking but with city life less than an hour away? Do you love challenges and innovation?

Apply here: [Civil/Structural Engineer Application](#).

### Who We Are and What We Do:

Pacific Woodtech Corporation (PWC) took roots in 1998 as a wholly owned subsidiary of ITOCHU International Inc., a strong international company with a history of stability and long term vision. PWC manufactures laminated veneer lumber and I-joint products that are used mostly as structural building components both domestically and abroad. Team members find a rewarding and comfortable work environment, competitive compensation and benefits, and a passionate commitment to safety.

### About This Position:

The Civil/Structural Engineer reports to the Director of Engineering and assists with the accountabilities listed below. This is a full-time, exempt position.

### Required:

- Registered, professional Civil/Structural Engineer
- Competency with Microsoft Office
- Excellent communicator with a strong customer focus
- Sound reasoning and problem solving skills
- Thorough and accurate work
- Occasional travel

### Preferred:

- Competency with VBA and SQL
- Wood design experience
- Knowledge of building codes

### Accountabilities:

- Product Application
  - Create technical content for website and guides used by structural designers
  - Consult with structural design software providers on product properties and structural analysis
  - Consult with customers on project design and damaged product repair
  - Participate in engineered wood industry association activities (e.g. APA, WIJMA)
- Standards and Building Code Compliance
  - Contribute to development of ASTM, ANSI, and other related standards
  - Liaison with third-party inspection and certification agencies, and product evaluation services
- Product and Process Development
  - Design test programs, analyze and report results
  - Participate in decision-making with Operations and Sales & Marketing
- Quality Control
  - Specify manufacturing quality control policies and procedures
  - Assure continued compliance with evolving product standards
  - Provide oversight and technical assistance to the Quality Control laboratory

### Wages and Benefits:

Wages depend on qualifications and experience. PWC offers an excellent benefits package.

Apply here: [Civil/Structural Engineer Application](#).

\*PWC is an Equal Opportunity Employer



### Hydraulic Engineering Manager - TE4

#### Job Title:

Hydraulic Engineering Manager - TE4

#### Opening Date/Time:

Mon. 10/10/16 12:00 AM Pacific Time

#### Closing Date/Time:

Continuous

#### Salary:

\$5,126.00 - \$6,727.00 Monthly  
\$61,512.00 - \$80,724.00 Annually

#### Job Type:

Full Time - Permanent

#### Location:

Thurston County - Tumwater, Washington

#### Recruitment #:

2016-OR-057

**The Opportunity:** The Washington State Department of Transportation (WSDOT) is seeking an experienced and licensed professional engineer to serve as the Hydraulic Engineering Manager in Tumwater, WA. As a passionate and professional engineer, the incumbent will manage and lead the Olympic Region Hydraulics Unit, providing expertise in the areas of drainage system design, construction, operations and maintenance. This position will review and approve hydraulic reports, prepare basis of design reports for fish passage projects, review storm water proposals, and ensure appropriate levels of design documentation are in place in accordance with WSDOT business practices and engineering standards.

WSDOT is the steward of a multimodal transportation system and responsible for

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ensuring that people and goods move safely and efficiently. In addition to building, maintaining, and operating the state highway system consisting of over 18,000 lane miles and 3,600 bridge structures, WSDOT is responsible for the largest ferry system in the nation; owns three Talgo train sets in the Amtrak Cascades fleet; and works in partnership with others to maintain and improve local roads, railroads and airports, as well as to support alternatives to driving, such as public transportation, bicycles and pedestrian programs. Additionally, WSDOT manages the world's widest tunneling project and the world's longest floating bridge. WSDOT's diverse programs and projects are supported by more than 6,800 full-time employees, including engineers, vessel captains, maintenance technicians, environmental specialists, planners, and more. We take pride in our workforce and strive for excellence and integrity in everything we do.

**This position will perform the following work:**

- Manage development of hydraulic designs for fish barrier projects.
- Apply appropriate design methodologies based on Washington Department of Fish and Wildlife (WDFW) stream crossing guidelines, compose basis of design reports, and coordinate with WDFW and project design offices.
- Provide direction to Olympic Region design teams to ensure that all storm

water/hydraulic related design and documentation are economical, practical and comply with applicable storm water/hydraulics regulations and standards.

- Perform engineering analysis in support of fish passage design, including stream simulation analysis, using the most current stream crossing guidelines and applicable computer modeling software.
- Investigate project sites, including developed and undeveloped terrain, which may include traversing uneven or steep terrain, near heavy traffic.

**An ideal candidate for this position will have:**

- Four years' experience in the hydraulic field OR a combination of hydraulic experience and experience as a [Transportation Engineer 3](#) or equivalent experience.
- Must possess a valid Professional Engineering license in the State of Washington.
- Bachelor's degree in Civil Engineering or related field.
- Demonstrated ability lead and direct design engineers.
- Ability to exercise sound judgment in directing, analyzing, and evaluating storm water design of highway facilities.
- Ability to perform stream simulation analysis using the appropriate modeling software.
- Knowledge of the WSDOT Highway Runoff Manual, Hydraulics Manual, and

current environmental and hydraulic laws and regulations.

- Highway Runoff Manual Certification.
- Excellent communication skills in both the oral and written form, and the ability to communicate complex information with diverse audiences.
- Proficient use of computers and engineering software.
- Valid driver's license.

**How to Apply:** Applications for this recruitment will be accepted electronically. To view the entire announcement and to apply, please visit: [Hydraulic Engineering Manager](#).

**Contact us:** For inquiries about this position, please contact **Rachel Giese** at **360-905-2223** or email to [gieser@wsdot.wa.gov](mailto:gieser@wsdot.wa.gov). Please reference recruitment number 2016-OR-057.

*The Washington State Department of Transportation is an equal opportunity employer. Women, racial and ethnic minorities, persons of disability, persons over 40 years of age, and disabled and Vietnam era veterans are encouraged to apply. Persons with disabilities needing assistance in the application process, or those needing this job announcement in an alternative format may call the Office of Human Resources, at 360.705.7042 or email at [jobinfo@wsdot.wa.gov](mailto:jobinfo@wsdot.wa.gov).*

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## ASCE Seattle Section Executive Board Minutes for September 22, 2016 Meeting

### Attendees:

Amanda Schweikert  
Cal Bearman  
Courtney Davis  
Diana Hasegan  
Evan Sheesley  
Gene Gladden  
Kelli Dean  
Lisa Harbert  
Stef Herzstein  
Tony Nguyen

Meeting called to order at 10:08am by Evan. MOTION to approve agenda by Kelli and seconded by Stef. Passed unanimously.

MOTION to approve June meeting minutes by Gene and seconded by Lisa. Passed unanimously.

### Old Business

- Washington Section Update – Diana
    - Discussed briefly at region 8 meeting.
      - Geographic challenges.
      - Distribution of findings.
    - Planning meeting: BergerABAM office in the afternoon.
      - Kelli/Diana/Evan attending. Call-in from Columbia section and Tacoma section.
- Moderated by Greg Kinney.

### New Business

#### **Treasurer's Report and Action Items – Gene**

- MOTION to approve August budget report by Stef and seconded by Courtney. Passed unanimously.
  - FY 2017 Budget:
    - Sustainability Committee
    - Correction on spelling of "if" to "of" and 2015 for competition.
    - ACTION ITEM: Item 33 to 21B pass-through
  - ACTION ITEM: Kelli will perform quarterly check-in on utilization of budget for the technical/standing committees.
  - ACTION ITEM: Kelli will coordinate with Amanda Shellenberger on the North and Kitsap branch budget utilization.
  - ACTION ITEM: Need to find someone to head up the Legislative Committee. Kelli will lead. Kelli/Evan/Amanda Schweikert/Jessica Aguilar will coordinate to post the position to the next newsletter.
- MOTION to approve 2016-2017 ASCE Seattle Section

Budget by Kelli and seconded by Lisa. Passed unanimously.

#### **Membership Chair Update – Kelli**

- ACTION ITEM: Kelli will have updated membership data for October newsletter.

#### **Standing Committee Report and Action Items – A. Schweickert**

- ACTION ITEM: Treasurer will upload Treasurer report a week before the board meeting.

#### **Branch Report and Action Items – A. Shellenberger (absent)**

- No action items

#### **Technical Committee Report and Action Items – Lisa**

- No action items

#### **YMF Report and Action Items – Courtney**

- ACTION ITEM: Coordinating with section to have higher logic access for YMF.
- ACTION ITEM: Tax info to include WRYMC.
- ACTION ITEM: Follow-up with Gene/Shailie to make Paypal ledger clearer.

### Other New Business

- Thank you Lisa, Courtney, and Stef for their service to the Section. This will be their last official board meeting.

### Miscellaneous

Next Board Meeting will be TBD.

Next Membership Meeting will be on October 12th.

Meeting called to a close at 11:07am.

Attached are Board Member Reports.

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### **MEMBERSHIP REPORT – Kelli Dean**

#### **• New Members**

- Based on the new membership information from the ASCE national database, downloaded on August, 2016: 8 members have enrolled with the Seattle Section. The new members are: 2 new students, 5 associates, and 1 regular member. Of the two students one has joined the Kitsap Branch and one has joined the Seattle Section.

#### **• Membership**

- The Seattle Section and Branches have 2,496 members (Seattle 2,204, Boeing 0, North Branch 141, Kitsap Branch 151). There are 757 YMF members at this time.

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- The membership database received from ASCE headquarters was found to have 0 duplicates this month.

## STANDING COMMITTEE REPORT – Amanda Schweickert

- **Audit Committee – Stefanie Herzstein**
  - New Chair for the committee
  - Action Items for the Treasurer
    - Please provide treasurer report to me at least 1 week before the Board meeting (either by posting it on Higher Logic or emailing it to me). If you email it to me I can review it and ask questions before it goes to the Board.
    - Consider consolidating / re-organizing Budget item numbers before approval of 2016-2017 budget
    - Please post the approved 2016-2017 Budget to higher Logic in excel
    - Please coordinate with Gene on some of the suggestions brought up by previous Audit chairs like cash flow charts and identifying trends.
    - Please confirm that our taxes have been completed.
- **Legislative Committee – Vacant**
  - Looking for a Legislative Chair
- **Diversity Committee – Jaclyn Hayden**
  - Leading the committee this year
- **History and Heritage – Cindy Hirsch**
  - Waiting to hear back about the cost to archive materials the group has on hand.
  - Working on a final plaque citation to replace the NHCEL plaque at Snoqualmie Falls power generating station. The old style plaque that got lost when the owner remodeled will be replaced with the new style of plaque that has an 80 word citation and we all have to agree upon that and then the National committee needs to do so too.
  - Committee will meet in the coming month - had a two-month break. In the mean time working via email to get plaque citation resolved.
  - Will be furthering work on: the historic landmark brochure, the idea raised of having a technical version of Underground Tour for fundraising purposes, and advancing the idea of the Denny Regrade as a Nat'l Historic Civil Engineering Landmark.
- **House and Hospitality – Don Nguyen/Katie Sultan-Wright**
  - The House & Hospitality Committee is currently working with the Program chairs to set up the Section meetings for the year. Prices for the

section meetings are currently kept at what they were last year; this may change if needed for future meetings. All payments for section meetings will now be required to be prepaid (unless other arrangements made with H&H). Mirabella will be used as the main location, with Best Western as the backup location.

- **Order of the Engineer – Amy Riley**
  - No update
- **Professional Practice – Ed Huston**
  - No update
- **Program Chair – Tara Beitler/Henry Haselton**
  - New Co-chairs for the committee.
- **RH Thomson Scholarship – Aaron Oison/Hillary Stibbard/Amy Riley**
  - Aaron is leading the committee in his final year
  - Hillary is in her second term and Amy is in her first term.
- **Public Information – Elizabeth Guevara**
  - No update
- **PSEC – Paul Grant**
  - No update
- **University Advisory Committee – Amy Riley**
  - No update
- **Washington State Board of Registration Representative – Amy Thatcher**
  - New chair for committee
- **EWB-USA Puget Sound Professionals (PSP) Chapter – Eset Alemu**
  - No update
- **Community Service – Kristina Lowthian**
  - The YMF community service event for September was on September 10, 2016 at Kennydale Lions Park in Renton where they helped educate Renton residents in pollution prevention techniques. The YMF marked storm drains with “Only Rain Down the Drain” decals and distributed educational materials to the public.
- **K-12 Outreach – Brad Strandquist**
  - New Chair for committee

## TECHNICAL COMMITTEE REPORT – Lisa Harbert

- **Sustainability Committee**
  - The sustainability committee met to discuss upcoming events, schedules, adding new members, committee position changes (Diana Hasegan will be the new chair). They are planning upcoming outreach events and technical tours and giving presentations to local universities about Envision.
- **WRE**
  - We had a meetings in June and July, one about

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the potential effects of forest practices on stream flow in the PNW, by Gwyn Perry, formerly at UW, now at Otek, and another about bio-retention soils research, by Curtis Hinman from Herrera Consultants. The attendance was about 10 people for Gwyn's talk, and 20 people for Curtis' talk.

- This fall Patrick Vandenberg (King County WTD) and Ryan Dunne (CH2M Hill) are taking over the leadership of the committee.
- This month we're cancelling the meeting because the speaker cancelled last minute. We're planning a talk on the impacts of climate change in the regional hydrology for October at Bellevue, with Bart Nijssen from UW as the speaker.
- **Geotechnical Group**
  - September dinner meeting will be on the 22nd at the Best Western in Seattle. The topic is the Corvette Museum.
  - Check out the website for more information on the new Ground Improvement Committee's new commentary guidance document. There seems to be a large diversity of approaches submitted to the jurisdictions, this document is to help give guidance.
  - The City of Seattle has put out a memo reminding people the rainy season is approaching and grading may not be allowed on your project. The full document is available on the website.
- **New Committee – Lifeline Earthquake Engineering Committee**
  - Cory Luker is the chair of this new committee. Right now he is talking with other engineering societies to get information on what is already being done. At his first meeting, he found that other groups are putting together a list of engineers who are qualified to assist if we have an earthquake. If you would like to be on the list, please contact Cory at luker.cory@gmail.com.

## YMF BOARD REPORT – Courtney Davis

### ● Past Events

- June 2 – ASCE YMF Picnic and Elections
  - The Seattle YMF held their annual picnic and officer elections on Thursday, June 2 at Volunteer Park. Approximately 25 younger members and 5 students joined in the festivities. Attendees enjoyed Ezell's Chicken provided by the YMF and other delicious sides brought by younger members. People were able to take part in competitive games

of cornhole as well as socializing with the others in attendance. The final order of business was to elect the YMF officers for the upcoming year. The results of the election were as follows: Cal Bearman - Board Representative, Jared Nakamoto - President, Don Nguyen - President-Elect, Bobbie Gilmour - Treasurer and Schyler Hect - Secretary.

- June 4 – May community Service Event – Storm Drain Marking in Renton
  - 6 younger members were on hand to help educate Renton residents in pollution prevention techniques. They marked storm drains with "Only Rain Down the Drain" decals, while expanding their stormwater knowledge and distribute educational materials to the public.
- June 21st – Supercharge Your Career Series – Career Development – #1 Career Basics
- June 28th – Supercharge Your Career Series – Career Development – #2 Career Skills
- June 12th – Supercharge Your Career Series – Career Development – #3 Career Planning
  - On June 21st, June 28th and July 12th, a group of young professionals and students gathered to participate in a three-day, Supercharge Your Career workshop. This workshop focused on Career Development that provided an understanding of practical career-building principles and techniques to help keep an individual's career on track.
  - Jill Marilley of HDR led an interactive program with 18-24 attendees present at each workshop to share their range of knowledge and experience. Session 1 covered career basics, with topics that included mentoring, work/life balance and licensure/ethics. Session 2 covered career skills, with topics including self-promotion, personal marketing and negotiating compensation. Lastly, Session 3 focused on career planning, with topics including career misconceptions, career realities and career planning steps.
- August 5 – 3rd Annual ASCE/SEAW Joint Golf Tournament
  - ASCE and SEAW held a joint annual golf tournament on Friday, August 5th, 2016 at Willows Run Golf Club. Members brought their clients and colleagues for a fun afternoon of golfing, networking and friendly competition! We raised over \$1,400

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- for ASCE and SEAW combined, had 15 teams, and approximately 16 younger members played. Let me know if you would like any more information. Thank you to Shelley Collins for leading another successful tournament!
- August 5th-7th – Younger Member Leadership Symposium
    - The 2016 Younger Member Leadership Symposium (YMLS) was from August 5-7 at ASCE Headquarters in Reston, Virginia. 42 YMs from across the nation were in attendance, including Don Nguyen from the Seattle Section. Members attended a tour of Washington, D.C. For the remainder of the program, various sessions on leadership were held, including sessions on communication styles, personal vision, emotional intelligence, and personal branding. August 4-6, 2017 is the timeline for next year's YMLS.
  - Sept 10 – September Community Service Event – Storm Drain Marking at Kenndale Lions Park.
- 6 younger members were on hand to help educate Renton residents in pollution prevention techniques. They marked storm drains with "Only Rain Down the Drain" decals, while expanding their stormwater knowledge and distribute educational materials to the public. Volunteering was followed by a BBQ Picnic in the park.
- **Upcoming Events**
    - Wednesday, September 14th - Seattle Section Meeting at Mirabella with updates on Sound Transit 3 (ST3) Plan.
    - Thursday, September 15th - Westside Networking Event at Rhein Haus
  - **Committee Activities**
    - On-going soccer league
  - **Action Items**
    - Follow up with Gene on YMF golf expenses
    - Follow up with Section on 2015 budget, WRYMC and spending questions
    - YMF and Amy R. to follow up with UW and SU to make sure that they are aware of their budget

# ENGINEERS, ARCHITECTS, BUILDERS

## A Legacy of Innovation in the Pacific Northwest

**THURSDAY, NOVEMBER 10, 2016**

Benaroya Hall, 200 University St., Seattle, WA

**4:30 p.m. – Networking Reception\***

**6:00 - 7:15 p.m. – Lecture (free)**

Registration encouraged as capacity is limited.

[www.sefw.org](http://www.sefw.org)

\*Individual admission by \$25 donation or become a "Friend of the Foundation" for \$100. Corporate sponsorships also available. *SEFW is a 501(c)(3) registered nonprofit.*

### The Structural Engineers Foundation of Washington 2016 Fall Forum



Presented by Tyler S. Sprague, PE, PhD., LEED AP  
University of Washington

*Assistant Professor, Department of Architecture  
Adjunct Professor, Department of Civil & Environmental Engineering*

Seattle provides a unique setting to live and work, now and since the early 1900s. Propelled by a pioneering spirit and unencumbered by traditions or restrictions, Seattle has become a place open to change, where we accept new technology and new ideas. This presentation will describe the work of several prominent Seattle engineers, their impact on the structural engineering profession worldwide, and the innovation they develop with local architects and builders. Additionally, an interdisciplinary panel will discuss the strengths and challenges of the Seattle engineering model, as well as offer perspective on the Northwest's unique built environment. Panelists include:



Carla Keel  
Carla Keel Group



David Miller  
Miller Hull Partnership



Scott Redman  
Sellen Construction



Jon Siu  
Seattle Department of  
Construction and Inspections

