

## Section Officers

October 1, 2014 – September 30, 2015

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### WEBMASTER

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[seattleasce@yahoo.com](mailto:seattleasce@yahoo.com)

## ASCE Seattle Section and SEAW Joint Meeting

Tuesday, March 24, 2015

**Place:** Best Western Executive Inn  
 200 Taylor Avenue North, Seattle, WA 98109

**Cost:** Early Bird:  
 \$40 General Admission  
 \$15 for students and unemployed members  
**(Early Bird Rates apply until 11:59 pm, Sunday, March 15.)**

After March 15 :  
 \$45 General Admission  
 \$20 for students and unemployed members

**Meal:** Dinner entrée details to come

5:30 Social  
 6:30 Dinner  
 7:00 Program

**Online registration closes 11:59 p.m. Wednesday, March 18**

[Click here to register.](#)

For assistance with online registration, please contact  
 Veronica Vong at [veronica.vong@abam.com](mailto:veronica.vong@abam.com) or 206-434-6378

Direct questions or comments regarding meetings to  
 Section President Stefanie Herzstein at  
[seattleascepresident@gmail.com](mailto:seattleascepresident@gmail.com)

### Program — Engineers Without Borders

*Sunni Wissmer and Darcy Akers, University of Washington*

Engineers without Borders (EWB) representatives from UW will give a summary of the national efforts of EWB over the world, including a few of the national and local organization's significant projects. They will then focus on the University of Washington EWB Student Chapter's work on their current projects in Guatemala.



*EWB Project*

The UW Chapter, founded in 2005, worked for several years in Bolivia. One project replaced many roofs and wood cooking stoves in several communities. Another improved both

See **Program** on page 4

The next newsletter deadline is:  
5:00 p.m.  
Friday, March 20, 2015

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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>

Volume 50 No. 7, March 2015  
Published 10 times a year

#### ASCE SEATTLE SECTION NEWSLETTER ADVERTISING RATES

##### Employment Ads:

\$75 for one month on web site and in the newsletter; \$50 per month for subsequent months

##### Display Ads:

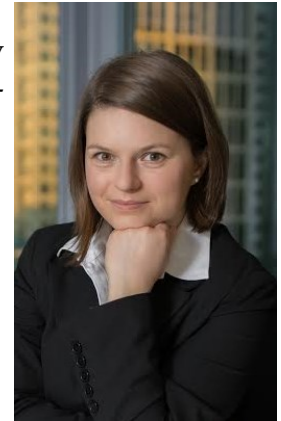
Costs are for one year (10 issues):  
Business Card size \$100  
Quarter page \$250  
Half Page \$500  
Full Page \$1,000

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

## President's Column

By Diana Hasegan, PE, ENV SP, M.ASCE, 2015 WRYMC Chair

The Seattle Section shared an amazing weekend with over 350 ASCE leaders in Bellevue! Between February 19 and 21, the Seattle Section had the privilege to welcome over 130 younger members, 180 students and 100 Section and Branch leaders at the Multi Region Leadership Conference (MRLC) held at the Hyatt Regency in Bellevue. During the three days participants from Regions 8 & 9, which include AK, AZ, CA, HI, ID, MO, NV, OR, UT, and WA, had the chance to network with society leadership, develop new professional skills and learn more about ASCE.



The Younger Member portion of the conference, the Western Region Younger Member Council (WRYMC), was planned by 12 talented and dedicated chairs and over 10 other volunteers. They spent countless hours planning every aspect of the WRYMC 2015 experience to make this WRYMC the best one yet.

This year several records were broken for attendance, fundraising, and new features. The WRYMC tagline was "It ain't easy being green!", but the team tried to make it look easy. We focused our attention on planning WRYMC with sustainability in mind. Some of the most notable sustainable features included:

- An app replaced the hard copy program. This not only saved valuable resources, but provided all the information the participants needed right at their fingertips and up to the minute updates.
- A sustainability presentation by two leaders in the field aimed at enhancing our sustainability tool box and empowering us to incorporate sustainability in daily practice.
- A pre-conference Community Service Event included over 20 volunteers reaching out to over 60 students from the Bellevue Boys and Girls Club. The activities not only promoted the profession, but also engaged students to learn more about sustainability. The activities included a fun recycling relay and tower building, wildflower seed ball making, sustainable signage design, green air-freshener making and an energy vampires search mission.



The conference featured four technical tours of current major infrastructure projects. The SR 520 Bridge project showcased construction of the longest floating bridge where participants had direct access on the floating concrete

See *President's Column* on page 3

**President's Column** (continued from page 2)

pontoons and construction site. The SR 99 Tunnel Project displayed Bertha, the stalled 87-foot-wide boring machine featuring one of the most daring projects seen in Seattle. The Elliot Bay Seawall Project revealed the replacement of an aging piece of infrastructure that will improve the safety of the waterfront and provide opportunities for transforming it. The Brightwater Wastewater Treatment Plant not only showcased one of the greenest treatment plants in King County, but allowed close access to the largest membrane bio-reactor applications of its kind at a full capacity of 54 MGD.

WRYMC participants had several opportunities to network in informal settings during a Brewery tour, Scavenger Hunt and Pub Crawl, and unofficial happy hours. In addition, the conference concluded with a Banquet and Awards Ceremony at the LEED™ Platinum Brightwater Community Center. Seven of the most engaged younger member leaders were awarded for their performance and involvement in various ASCE and professional activities. Awardees included:

- Orange County YMF, Outstanding Younger Member Group Project for their Speaker Series project
- Remi Candaele, Orange County YMF, Outstanding Advancement of the Profession by a Younger Member
- Eric Walker, Orange County YMF, Outstanding Support of a Student Chapter
- Bethy Clark, Seattle YMF, Outstanding Younger Member in Community Activities
- Julie Infante, Oregon YMF, Outstanding Younger Member in the Public Sector
- Courtney Davis, Seattle YMF, Outstanding Younger Member in the Private Sector
- Melissa Wu, Seattle YMF, Outstanding Younger Member in ASCE Activities

Thanks again to the planning committee – Inna Tasmaly from BergerAbam (Vice-Chair), Jared Nakamoto from Parsons Brinkerhoff (Finance Chair), Schyler Hect from Parsons Brinkerhoff (Agenda Chair), Lynette Sla from McMillen Jacobs and Associates (Program Chair), Courtney Davis from KPFF (Registration Chair and Pre-conference Volunteer Event Committee Member), Aaron Olson from

KPFF (Pre-conference Activities Chair), ChunHo Chen from Osborn Consulting (Social Chair), Shane Binder from Transpo Group (Social Committee Member), Don Nguyen from Buckland & Taylor (Technical Tours Chair), Liz Sowers from Anvil Corporation (Awards Chair), Mary O'Hara from Coffman Engineers (Banquet Chair), Tony Nguyen from HDR (Banquet Committee Member), Laura McFarlane (Transportation Chair), Morgan Miller from the U.S. Army Corps of Engineers (Sustainability Chair), Eric Knigge from Washington State Department of Transportation (IT & Website Committee Member), Bethy Clark from HDR (Technical Tours Committee Member), Cal Bearman from WJE (Technical Tour Committee Member) and many other volunteers who have given their free time to support the conference.

And finally, thanks to our generous sponsors:

- Major Sponsor: Seattle Section.
- Platinum Sponsor: WJE.
- Gold Sponsors: BergerABAM, HDR.
- Silver Sponsors: Anchor QEA, CKC, Transpo Group, Parsons, Conestoga-Rovers & Associates.
- Bronze Sponsors: CH2M Hill, Hayward Baker, KPFF Consulting Engineers, Osborn Consulting, Parsons Brinkerhoff, Terracon.
- Supporting Agencies: Washington State Department of Transportation, Seattle Waterfront Seawall, King County, Center for Leadership Research and Development at the Seattle Pacific University, and University of Washington.

It has been a great honor to be part of this outstanding group of leaders and I am sure you will see them in leadership positions in the years to come at all levels of ASCE.



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## Employment Notice

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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### Structural Project Engineer

KPFF Portland is looking for motivated Structural Engineers interested in opportunity for growth.

KPFF is about freedom. Freedom to work on what inspires you. Our engineers work on a vast spectrum of engineering projects: from dog houses (seriously) to skyscrapers. We work in locations around the globe: from the lobby of our building to Abu Dhabi. We have all the benefits of a large, stable firm but none of the red tape that comes with it. We're large but nimble and operate day-to-day with the flexibility of a small firm. Providing first-class service to our clients is what we're all about. KPFF is experiencing solid growth and continues to innovate that growth to

better serve our clients. Most recently we implemented a new Special Inspections division to offer more individualized client services. We are a group of dedicated, friendly, collaborative, hard-working engineers and we are looking for exceptional engineers to join us. If this sounds like an environment you could thrive in, please read on.

#### Position

Structural Project Engineer

#### Position Summary

As a Structural Project Engineer, you will work individually and collaboratively in the design and construction process for a wide array of challenging projects. You will work closely with talented engineers, BIM / CAD technicians, architects, project managers, contractors and client teams.

Our current projects include:

- Airports
- Arenas + Stadiums

- Long-Span Structures
- Bridges
- Government Facilities + Embassies
- Commercial Developments
- High-Rise Structures
- Mixed-Use Developments
- Corporate Campuses
- Healthcare + Medical Facilities
- Education Facilities (K-12 + Higher Ed)
- Museum + Convention Centers

#### Apply

KPFF would like to hear from you. Please follow this link to apply:

<http://ow.ly/InFVJ>

KPFF is an equal opportunity employer.

#### Location

Portland, OR

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### Program (continued from page 1)

irrigation and drinking water systems in a couple communities. Another involved construction of over 500 meters of retaining walls and drainage systems to stabilize hazardous portions of an 11-kilometer road through five Bolivian communities.

More recently the UW chapter has a five-year commitment with the community of La Vega De Volcan, Guatemala. An area reported to have two 6.5+ earthquakes every year, and hurricanes. Their recently constructed trout hatchery was not working optimally. During the 2012-2013 school year, the UW EWB chapter redesigned the hatchery's incubation system, rerouted much its piping, and screened the system's inlet at its river source. The implementation of these designs occurred in September 2013. During the subsequent breeding season, the community was able to successfully hatch 25,000 eggs.

Currently, the chapter is working with the community to construct a community center that will serve both as a mar-



*EWB Project*

ket and a cultural center. Additionally, a security system for the hatchery and a potential roads improvement project are being explored.

## Call for Entries for 2014 LOCEA Awards

By Perry Cole, P.E., S.E., F.ASCE, Immediate Past President

Did you complete an innovative project in 2014 that represents the best of civil engineering in this area? Then apply for a Local Outstanding Civil Engineering Achievement (LOCEA) Award! The LOCEA Awards recognize projects that have improved the quality of life and contributed to the economic development of the local community, area, or region. These projects represent the successful combination of multiple engineering objectives, including design innovation and excellence, environmental sustainability, cost effectiveness, the effective use of materials, and aesthetics. Each year, the Seattle Section recognizes the award winners at a formal presentation in June. For application information, see the flyer included in the newsletter and our website, [www.seattleasce.org/awards/awards.php](http://www.seattleasce.org/awards/awards.php). Applications are due March 13, 2015.

### New Member Report

Based on the new membership information from the ASCE national database, the following members enrolled to the Seattle Section between December 26, 2014 and February 2, 2015.

Jason Huang  
Catherine Priester  
Chris Raftery  
Yen Nhi Nguyen  
Jonathan Carlson  
Julia Anderson  
Nicholas Levensgood  
Dinesh Kumar

Ryan Scheffler  
Xianzhe Chen  
Brad Allen  
Casey Hasen  
Robert McLe Reeve  
Tyler Averill  
Hamid Abdirad  
Donald Haines

Randy Higuchi  
Renee Vandermause  
David Landrus  
Jessica Lim  
Jessica Wren  
Aidin Behroozi Nobar

### Save the Date

#### Seattle Section April Lunch Meeting

We interrupt our regularly scheduled dinner meeting to provide you with a lunchtime program in April.

When: Tuesday, April 18  
Where: Bellevue  
General Topic: State of Washington Bridges and the Prioritization / Preservation Program

More details to follow on our [website](#) and in the April newsletter.

### ASCE Seattle Section Executive Board Meeting Minutes

January 14, 2015

The January 14 minutes will be published in the April 2015 newsletter.



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**Annual CMAA Seminar – March 13, 2015**  
**Construction Management of Alternative Project Delivery**  
**Bellevue Red Lion Hotel – 11211 Main Street, Bellevue**  
**8:30 am to 4 pm Continental Breakfast and Lunch Included**

**Morning Sessions**

**Welcome and Introduction**

Bruce D'Agostino, CMAA CEO and President

Dick Sage, Director of Construction Management, Sound Transit

**GCCM Panel**

Linneth Riley-Hall, Design and Construct. Contracts Manager, Sound Transit

Ryan Dooley, Engineering Supervisor, Pierce County Utilities

Jon Lebo, Director, University of Washington

Genevieve Rucki, Project Manager, Colman Dock, Washington State Ferries

Dan Chandler, Principal, OAC Services

Dave Johnson, Senior Project Manager, Hoffman Construction

**Design Build Panel**

Miles Haupt, Project Director, South Link, Sound Transit

Bill Kent, Project Development Executive, Mortenson Construction

Rusty Pritchard, Senior Project Manager, Washington State University

Scotty Ireland, Assistant State Construction Engineer, WSDOT

Kevin Collins, Vice President/Project Director, HNTB

**Afternoon Sessions**

**Owner Panel**

Joseph Gildner, Executive Project Director, U Link, Sound Transit

Steve Tatge, Director, Major Projects Group, UW Capital Projects Office

Janice Zahn, Director, Construction Management Services, Port of Seattle

Jeff Carpenter, Director, Construction Division, WSDOT

Aleanna Kolandranis, Construction Contracts Manager, City of Seattle

**Legal Panel**

John Ahlers, Founding Partner, Ahlers & Cressman

Christopher Hirst, Partner, Pacifica Law Group

Loren Armstrong, Senior Legal Counsel, Sound Transit

Robynne Thaxton Parkinson, Thaxton Parkinson PLLC

**Technology View - Drones and Tablets**

Matt Kastberg, Parametrix

Neal Robideau, Parametrix

Paul Garrett, KBA Construction Management

***Registration and Details at***

**<http://www.eventbrite.com/o/cmaa-pacific-northwest-chapter-647062955?s=32053170>**

For additional information, contact the seminar co-chairs:

Allen Wycoff (Sound Transit) at [allen.wycoff@soundtransit.org](mailto:allen.wycoff@soundtransit.org)

Howard Hillinger (Parametrix) at [hillingert@parametrix.com](mailto:hillingert@parametrix.com)