



SEATTLE SECTION NEWSLETTER

November 2009
Volume 45 No. 3

Section Officers

October 1, 2009 – September 30, 2010

SEATTLE SECTION OFFICERS

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Erin Fletcher, *Director (2011)* 206-770-3504
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James Perry, *Vice President* 360-855-2121
YMF Chairperson (Position Vacant)

BOEING BRANCH OFFICERS

Karen Dix-Colony, *President* 425-266-8899

WEBMASTER

Lisa Martinez seattleasce@yahoo.com

ASCE Seattle Section Meeting

Wednesday, November 11, 2009

- Place:** McCormick & Schmick's Harborside Restaurant
1200 Westlake Avenue North
Seattle, Washington 98109
- Cost:** \$30 per person (\$35 for late reservations)
Students \$10
Spouses and guests are welcome.
Cash or checks payable to ASCE are accepted.
- Meal:** Turkey with Gravy, Mashed Potatoes and Stuffing;
Vegetarian: Grilled Portobello with Grilled Blue Cheese Polenta;
Vegan: Chef's Choice
- 5:30 Socialize
6:15 Dinner
7:15 Program: Bulk Terminal Identification Study – Guinea, West Africa
8:45 End

Please make your reservations by
NOON Monday, November 9, by calling 206-926-0482
(voice mail system only — please leave a message)
or by sending an email to:
seattleascereservations@gmail.com

Please indicate with RSVP if the vegetarian meal is preferred.

Bulk Terminal Identification Study – Guinea, West Africa

This presentation, by Bill Allen of BergerABAM, will provide an overview of a development program in Guinea, West Africa. The program includes a mine site, a refinery, and a port complex, plus all the transportation links between these elements. The focus of this presentation will be on the planning processes for the port complex, including the cargo analysis, navigational considerations, site planning, program scheduling, and initial cost estimates.

**The deadline for the
December 2009 issue is
5:00 p.m.
WEDNESDAY, November 18, 2009
No exceptions.**

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#### **CHANGE OF ADDRESS:**

All change of address information (including your e-mail address for the newsletter) should be provided directly to ASCE at [www.asce.org](http://www.asce.org) or: 1801 Alexander Bell Drive, Reston, VA 20191-4400. The Seattle Section will receive the updated information from ASCE.

**AMERICAN SOCIETY OF  
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#### **ASCE SEATTLE SECTION NEWSLETTER ADVERTISING RATES**

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## **President's Column**

**By Ronald Bard, P.E.**



In mid-October, I attended the ASCE Headquarters Orientation. What an eye-opener. I thought I had a good grasp of all that ASCE did; it was only the tip of the iceberg. The knowledge and professionalism of the staff was impressive as was their commitment to member services. Next April, ASCE will be unveiling a new improved website. The new site looks like it will be easier to navigate and will provide enhanced content.

One thing that particularly impressed me was the resources that ASCE has for K-12 educational outreach. Making young people aware of civil engineering strengthens our profession in many ways, including increasing enrollment in college engineering programs. The resources are there to support our Section becoming more involved in this effort – more to follow in future articles.

Several section members, including me, just attended the ASCE National Conference. There was a wealth of information available. During the opening session, Erik Peterson, from the think tank CSIS presented Seven Revolutions of Change and how these factors will shape the global community in the future. He gave us a look at these drivers of change and how they relate to our profession. To say it was fascinating is a severe understatement. Jim Suttle, the mayor of Omaha and a noted civil engineer, and Wayne Klotz, our ASCE Past President, talked about how modern society cannot exist without infrastructure and that the quality of life is directly proportional to the quality of the infrastructure. They noted that the public “gets it” and appreciates the need for infrastructure and will pay for it. Blaine Leonard, our new ASCE President, talked about achieving the vision for civil engineering in 2025. This is a roadmap to take civil engineering forward where we are recognized as master builders, master stewards of our natural environment, and master innovators. Our own Erin Fletcher was Program Vice Chair for the National Conference. Nice job, Erin!

Sincerely,

*Ronald Bard, P.E.*

Seattle Section President

## **Bio for November 11 Speaker**

Bill Allen is Senior Project Manager with BergerABAM. He is a registered Civil/Structural engineer in Washington State, and also holds registrations in Oregon, Texas, and Louisiana. Bill joined BergerABAM in 1978, and has worked almost exclusively on planning and design for waterfront, marine, and heavy construction projects for the last 31 years. Bill will be presenting on the work he completed for the Guinea, West Africa project.

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## Support Local Youth During the 15th Annual Popsicle Stick Bridge Competition

By the Seattle Younger Member Forum

The Younger Member Forum (YMF) of ASCE Seattle Section is proud to host the 15th Annual Popsicle Stick Bridge (PSB) Competition on February 13, 2010 at the Museum of Flight. The competition is held in conjunction with the Puget Sound Engineering Council Engineer's Week fair and introduces civil engineering and construction careers to high school students.

The PSB Competition will include teams of students from Western Washington high schools who will design and construct bridges made from Popsicle sticks and white glue. At the competition, the bridges will be inspected for conformance to competition guidelines then load-tested to failure. Awards are given to the top three bridges in each of the following categories: total load, aesthetics, and overall (a combination of efficiency and aesthetics).

The PSB Competition is fully sponsored by local engineering firms and would not be possible without their generous donations. We will be continuing the Corporate Cup again this year. Firms or individual sponsors that donate a minimum of \$100 will be able to enter a bridge in the corporate division. The winner will get their name on a rotating trophy (Past Corporate Cup winners were Brown & Caldwell and KPG, Inc.). For more information on the Corporate Cup, contact Monica Joyce at [seattle.asce.ymf@gmail.com](mailto:seattle.asce.ymf@gmail.com).

Much of the preparation for the competition has been completed, but there are still three key ways that you can help out:



*Participants from the 2009 competition are pictured above. The overall winning bridge held 933 pounds and weighed 347 grams!*

1. You can be an **official sponsor** of the competition. Donations made to the PSB Competition are tax deductible. Contact Gina France, [Gina.France@arcadis-us.com](mailto:Gina.France@arcadis-us.com), for sponsorship information. (Note: All donations of at least \$100 will have their company name recognized on t-shirts if received before January 15, 2010).
2. You can **volunteer** on the day of the event. We need over 30 volunteers for set-up, registration, judging, clean-up, and much more. Contact Monica Joyce, [seattle.asce.ymf@gmail.com](mailto:seattle.asce.ymf@gmail.com) if you would like to volunteer.
3. Visit the Museum of Flight on February 13, 2010 to support our local high school students interested in civil engineering.

Bridge breaking will start around 10:00 a.m. and awards will be given around noon. We look forward to seeing you there!

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## An Update from the Water Resources Technical Committee

By Laura Ruppert, PE

**Last Month's Presentation:** Doug Beyerlein and Joe Brascher, co-founders of Clear Creek Solutions, were the presenters for October. The topic was Urban Stormwater Modeling using WWHM and included a description and demonstration of the new hydraulic routing features in the new version of WWHM, scheduled for release by the end of the year. Some of the new features include the seamless integration of SWMM into WWHM, the introduction of a new hydraulic routing element, and new low impact development (LID) modeling options.

**Next Presentation:** This month's presentation is on November 19 from noon to 1:00 p.m. at HDR in Bellevue.

**Upcoming Field Trip:** In cooperation with the U.S. Army Corps of Engineers, the ASCE Water Resources Committee has scheduled an opportunity for our members to take a tour through the Ballard Locks at 1:00 p.m. on November 23. Since the locks will be drained during this time for their annual maintenance, we will have the chance to see the operating controls for the system. If you are interested in joining us for this trip, please contact Joshua Phillips at [Joshua.civil@gmail.com](mailto:Joshua.civil@gmail.com).

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# ASCE Seattle Section Executive Board Meeting Minutes

## For October 14, 2009

### ATTENDANCE

#### Board Members

Ron Bard, Ann Bryant, Garth Merrill, Marc Schulte, Melissa Wu, Mike Harney, Erin Fletcher, Perry Cole

Quorum: YES

#### Absent with Notice

None

#### Other Members Present

None

### CALL TO ORDER

Section President Ron Bard called meeting to order at 4:30 p.m.

Board unanimously approved September 19, 2009 meeting minutes.

### PROCEEDINGS

#### 1. Regular Business

##### Treasurer's Report

Treasurer's Report for the period ending September 30, 2009 was discussed.

Board unanimously approved the October 14, 2009 Treasurer's Report.

##### Standing Committees

Standing committee report uploaded to the eRoom.

##### *Heritage and History*

Committee requested confirmation that they have received all materials for archive. Possible exception to the materials provided would be minutes from 2008-2009 and annual report to national. Ron noted that the questionnaire replaces the old annual report. Also need to submit 2007-08 YMF reports.

Committee is looking for ideas to celebrate Section's 100th Anniversary.

##### *House and Hospitality*

House and hospitality committee wants to move RSVP date from Monday to Friday. This would require the newsletter to be out 2 weeks prior to the Section meeting. Date will remain on Monday for rest of calendar year.

##### *PSEC*

No update.

##### *Scholarships*

R.H. Thomson committee meeting on October 26th. Soliciting suggestions for another member.

NO ACTION ITEMS

##### Branch Reports

Branch report has been uploaded to the eRoom.

Discussion of providing guidance to Branches during budgeting process.

NO ACTION ITEMS

##### Technical Committees

Technical committees report has been uploaded to eRoom.

P&H meeting on 10/28 on Upper Baker Surface Collector. Joint Section meeting with P&H in November.

NO ACTION ITEMS

##### Younger Member Forum

YMF report uploaded to eRoom.

Popsicle bridge planning underway. Looking for company sponsorships.

NO ACTION ITEMS

##### Membership Report

Membership is steady. Large portion of new members from St. Martin's College. St. Martin's is in Tacoma Section.

Membership drive is on-going. Deadline for signing up new members in the Membership Drive is December 1. Discussion of incentives for members signing up.

NO ACTION ITEMS

#### 2. Old Business

##### *Program Update*

Program plans are underway.

##### *Status of Form 990 Tax Return Survey*

Changes to reporting procedure discussed.

ACTION ITEMS

Erin will determine if Branches are using Section's Tax ID number.

Stefanie will determine if Student groups are using Section's Tax ID number.

See [October Minutes](#) on page 5

### 3. New Business

#### *Update for New ASCE Website and E-mail System*

Discussion of new ASCE National website, and its hosting of Section websites.

Discussion of ASCE National supplying a system for sending emails to Section members.

#### *Engineers without Borders*

Discussion of how an EWB liaison would interact with the Section Board, and what that position's responsibilities would be.

#### *Duties and Procedures*

Committee has met three times, and provided a draft to the Board. Discussion of organization of the document. ASCE National legal council has reviewed the draft and provided feedback.

Marc has asked for Board members to review the draft and provide feedback for discussion.

Discussion of Article 6 (Officers and Directors). Consistency between the Section document and YMF bylaws was discussed. Differences between Section officers and directors were discussed.

Terms of offices were discussed. A 2-year term for the Treasurer's position was discussed.

### 4. Announcements for Meeting

- Paul Grant has 2 announcements for the meeting.
- Marc will announce the ASCE Membership Drive.

### ADJOURNMENT

Meeting adjourned at 5:55 p.m.

Submitted by Secretary, Michael D. Harney.

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in this Newsletter  
and on the Seattle Section Web Site**

**See advertising details  
on page 2**

# The ASCE Renewal Race Is On!

## ASCE Renewal Race

By Marc Schulte, PE

The ASCE Renewal Race ([www.asce.org/finishline](http://www.asce.org/finishline)) pits the Seattle Section against Sections of similar size to see which Section can get the highest percentage of members to renew before **December 1**. Check out ASCE's special Renewal Race page ([www.asce.org/finishline](http://www.asce.org/finishline)) for complete details – and be sure to visit each week to see where your Section ranks on the leader board. By renewing your 2010 ASCE membership now, you guarantee your exclusive member only access to these new and updated ASCE programs in 2009–2010, in addition to the resources you enjoy every year with ASCE:

ASCE gives you three easy ways to renew:

1. **Mail in** your 2010 renewal form, which was mailed on Sept. 8, 2009.
2. **Renew online** at [www.asce.org/renewal](http://www.asce.org/renewal) and help ASCE “go green” by conserving the paper used in mailing your renewal back and also saving on printing costs for future renewal notices.
3. **Call** ASCE Customer Service at (800) 548-ASCE (2723) or (703) 295-6300 between 9:00 a.m. – 5:00 p.m. ET, Monday-Friday.

Help the ASCE Seattle Section by renewing by December 1 and make sure you don't miss out on any of these new benefits or the value you receive from ASCE each year.

### Special Incentive!

Three lucky Seattle Section Members randomly selected from those renewing membership between **September 1 and December 1, 2009** will receive an their choice of a 16GB Flash Drive, a Starbucks Gift Card, or ASCE gear.



## Help Needed for University Mentor Program at UW Bothell

By Paul Grant, P.E.

If you are interested in being a mentor for a night for college students, the Puget Sound Engineering Council (PSEC) needs your help!

The next session will be at:

**University of Washington Bothell Campus  
Tuesday, November 17, 2009 6:00 to 8:00 pm**

The purpose of the mentor night activity has been to bring as many practicing engineers together with as many students as possible. We are trying to inspire the students, most of whom are sophomores or juniors, toward a career in engineering. The mentor night allows engineers to relay their experience in the profession and answer questions posed by students. A typical agenda for the evening will

include a welcoming and introduction, potentially a brief panel discussion by young engineering professionals, then breakout sessions where young and experienced engineers discuss their engineering experiences with the students. Students will rotate between mentors and tables to get a broad overview of answers to their questions.

If you are interested in participating in the UW Bothell Mentor Night, please sign up online at [www.pseconline.org/Events/MentorNights/SignUp](http://www.pseconline.org/Events/MentorNights/SignUp) Maps and further instruction will be sent out prior to the event.

Thank you for your support.

### Welcome New ASCE Members!

We would like to welcome the following 25 new members who joined the Seattle Section since September 2nd. If you see someone you know, give them a call.

Mr. Jonathan Linders, S.M.ASCE  
U of Washington

Mr. Spencer Salvador, S.M.ASCE  
Saint Martin's College

Mr. Ian Hunter, P.E., M.ASCE

Dean Peyton, P.E., M.ASCE  
Anderson Peyton Structural Engrs

Mr. George Hawes, Aff.M.ASCE  
Canyon Drilling & Pile Driving, LLC  
Andrew Tzvetcoff, P.E., M.ASCE

Mr. Timothy Gambriell, EIT,  
A.M.ASCE

Mr. Jonah Rankin, S.M.ASCE  
U of Washington

Mr. Brian Morgenroth, P.E., M.ASCE

Ms. Rebecca Naomi, A.M.ASCE

Mr. Jeffrey Warren, EIT, A.M.ASCE

Mr. William Mosier, P.E., M.ASCE

Mr. Louis Heaton, P.E., M.ASCE  
Case Forensics

Miss. Fathia Abdullahi, S.M.ASCE  
Saint Martin's College

Ms. Aruna Narayan, A.M.ASCE  
Kpff Consulting Engineers

Mrs. Ellen Eastgate, EIT, A.M.ASCE

Mr. Derek Omerod, P.E., M.ASCE  
Harst Crawser Pentec Env

Mr. Jonathan Gibson, A.M.ASCE

Ms. Barbara Orchard, A.M.ASCE

Mr. Aaron Johnson, S.M.ASCE  
Saint Martin's College

Mr. Michael Rundquist, P.E., M.ASCE  
Nelson Geotechnical Associates Inc

Mr. Brian Lashbough, S.M.ASCE  
Saint Martin's College

Ms. Zohrah Saidy, EIT, A.M.ASCE

Mr. Roger O'Neill, S.M.ASCE  
Saint Martin's College

Mr. John Gaffney, A.M.ASCE  
Anchor QEA

## Calendar of Upcoming Events

**November 11, 5:30 pm**

### **Seattle Section Meeting**

Location: McCormick & Schmick's Harborside  
Restaurant, 1200 Westlake Avenue North, Seattle  
Program: Bulk Terminal Identification Study - Guinea, West  
Africa

Cost: \$30 per person (\$35 for late reservations)

**November 19, Noon**

### **Water Resources Technical Committee**

Location: HDR, Bellevue  
Program: To be announced  
Contact: Laura Ruppert, (425) 739-4227,  
[laura.ruppert@otak.com](mailto:laura.ruppert@otak.com)

**November 23, 1:00 pm**

### **Water Resources Field Trip - Tour of Ballard Locks, Seattle**

Contact: Joshua Phillips, [Joshua.civil@gmail.com](mailto:Joshua.civil@gmail.com)

SEATTLE SECTION  
AMERICAN SOCIETY  
OF CIVIL ENGINEERS



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