



SEATTLE SECTION NEWSLETTER

December 2008
Volume 44 No. 4

Section Officers

October 1, 2008 – September 30, 2009

SEATTLE SECTION OFFICERS

Ann Bryant, *President* 425-255-3554

Ron Bard, *President-Elect & Membership Chair* 206-652-4905

Marc Schulte, *Secretary* 206-728-9655 x131

Garth Merrill, *Treasurer & Budget Chair* 206-494-0944

Jack Bjork, *Immediate Past President* 206-695-4608

Jeanne Justice, *Director (2009)* 425-556-2887

Perry Cole, *Director (2010)* 425-732-5684

Erin Fletcher, *Director (2011)* 206-770-3504

YMF OFFICERS

Melissa Wu, *President* 425-233-3306

Eric Herzstein, *President-Elect* 206-494-0941

Doug Knapp, *Board Representative* 206-764-3542

Rhiannon Parmelee, *Secretary* 206-325-5254

Gaurav Mathur, *Treasurer* 206-494-3117

Jacqueline Putt, *UW Liaison* 206-622-5822

Monica Joyce, *Seattle U Liaison* 425-233-3339

UW/SEATTLE U CONTACTS

Roger Spotts, *UW President* spottsre@u.washington.edu

Dylan Martin, *Seattle U President* mart2168@seattleu.edu

KITSAP BRANCH OFFICERS

Roger Mustain, *President* 360-697-3713

David Dinkuhn, *Vice President* 360-850-5319

NORTH BRANCH OFFICERS

Phil Cohen, *President* 360-240-5546

Steven Goodrich, *Vice President* 360-826-4628

James Perry, *Secretary/Treasurer* 360-855-2121

Rhett Winter, *YMF Chairperson* 360-647-7151

BOEING BRANCH OFFICERS

Kenneth DeBord, *President* 425-237-4294

WEBMASTER

Lisa Martinez seattleasce@yahoo.com

ASCE Seattle Section Meeting

Wednesday, December 10, 2008

Place: La Quinta Inn
1425 E 27th St, Tacoma
(I-5 exit 135 at Portland Ave)

Cost: \$30 per person
Students \$15
Spouses and guests are welcome.
Cash or checks are accepted. (No credit cards.)

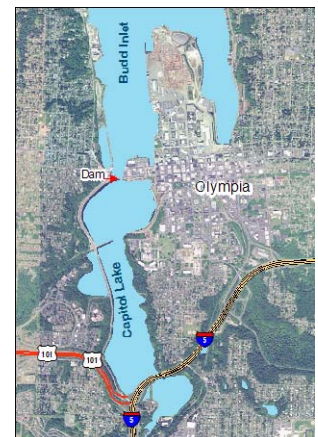
Meal: Gala Night Buffet: Caesar Salad Station, Roast Beef with Burgundy Sauce, Chicken Breast with Apple Brandy Glaze, Red Roasted Potatoes, Vegetables, Rolls & Butter, Desserts

5:00 Socialize
6:00 Dinner
6:30 Program: Capitol Lake/Deschutes Estuary Restoration Study

Please make your reservations by
Friday, December 5, by calling Kay Hoke at 253-591-5760
or send e-mail to khoke@cityoftacoma.org

CAPITOL LAKE/DESCHUTES ESTUARY RESTORATION STUDY

Mindy Roberts and **Anise Ahmed** of the Department of Ecology will describe this water quality study of Budd Inlet and Capitol Lake that uses a combination of data collection and 3-D modeling. Neither water body meets water quality standards, and the Clean Water Act requires a Total Maximum Daily Load study to quantify how much nutrients need to be reduced within the system. Capitol Lake in Olympia drains to Budd Inlet via a complex dam/inverted siphon structure. The Department of General Administration is considering removal of this hydraulic structure to circumvent expensive dredging, and the Ecology study also examines the effects of this removal.



The deadline for the
January 2008 issue is
5:00 p.m.

FRIDAY, December 19, 2008
No exceptions.

~~~~~

Your newsletter editor is:

**Todd Crandell**  
seattleASCEnews@gmail.com

Please send correspondence to:

Attn: Todd Crandell  
R. W. Beck, Inc.  
1001 Fourth Avenue, Suite 2500  
Seattle, WA 98154  
Phone: (206) 695-4602

#### CHANGE OF ADDRESS:

All change of address information  
(including your mailing label if ap-  
plicable) should be sent **DIRECTLY**  
to: 1801 Alexander Bell Drive,  
Reston, VA 20191-4400 **AND** to the  
newsletter editor shown above.

AMERICAN SOCIETY OF  
CIVIL ENGINEERS, SEATTLE SECTION  
<http://www.seattleasce.org>

Volume 44 No. 4, December 2008  
Published 10 times a year

#### ASCE SEATTLE SECTION NEWSLETTER ADVERTISING RATES

##### Employment Ads:

Employees Wanted:  
75 cents per word

Seeking Employment:  
First 75 words free  
75 cents per each additional word

Graphic Ads: \$60 per column inch

##### Business Card Ads:

Contact the editor at  
seattleASCEnews@gmail.com  
for pricing and format requirements.

## President's Column

By Ann Bryant, P.E.

This is the time of year when we take time from our busy lives to give thanks. This year, I am most thankful for my happy, healthy family, lower gas prices, and YOU! That's right, ASCE would not be anything if it wasn't for our hundreds of volunteer officers, chairs, committee members, speakers, planners, and members. Each of you has limited time available, and I am honored that you choose to give that time to ASCE.

I recently attended a talk about volunteerism, where the speaker provided two definitions of volunteer. The first is loosely derived from two Swahili words, "vol" which means "to kill one's self" and "unteer" which means "without pay." Sadly, I think some days we can all identify with this definition. The other, more traditional, definition comes from the Latin word "voluntas," which means "free will" and is defined as "to offer or give from one's free will." Hopefully, most of your volunteer experiences with ASCE have been a positive and rewarding experience and you identify with the traditional Latin based definition of volunteer!

Whether you volunteer for professional development, personal development, the desire to be part of a community, or want to contribute to a greater good, I thank you. I hope that your involvement has led you to develop skills that have boosted your careers and brought you closer to achieving your personal

See *President's Column* on page 3



## Bios for December 10 Speakers

**Mindy Roberts** received a BS in Civil Engineering from the University of California, Berkeley in 1989, and an MS in Civil and Oceanographic Engineering from the Massachusetts Institute of Technology and Woods Hole Oceanographic Institution in 1992. She earned a Ph.D. in Civil and Environmental Engineering from the University of Washington in 2007. She is a registered professional engineer in the State of Washington and Commonwealth of Massachusetts. She has worked as an environmental engineer at the Department of Ecology since 2000.



**Anise Ahmed** is an environmental engineer with Washington State Department of Ecology. He received his BS in Civil Engineering from Bangladesh University of Engineering and Technology in 1980. He earned his MS in Environmental Engineering from Wayne State University in 1985 and his Ph.D. in Environmental Engineering from Utah State University in 1990. He is a registered professional engineer in the State of Washington.



## 2008 Civil Engineering Scholarships from ASCE Seattle Section

By Jack Bjork, P.E.

The Seattle Section of the American Society of Civil Engineers awards two scholarships each year to promising students. This is a good time for students to think about applying for these opportunities.

### Richard Williamson Jones Scholarship

Applications are being accepted for the Richard Williamson Jones Memorial Scholarship. The maximum \$2,000 award is given out annually to a student who has attained at least a junior standing in civil engineering. Candidates must be US citizens and a permanent resident within the jurisdiction of the Seattle Section of ASCE (King, Snohomish, Kitsap, Whatcom, Skagit, San Juan, Island, Clallam, and Jefferson Counties). Applications must be submitted by January 14, 2009 to be considered.

For further information and application forms visit [www.seattleasce.org](http://www.seattleasce.org). If you have questions contact Jack Bjork, P.E., Immediate Past President (206)697-4671 or the ASCE Faculty Advisors.

### R.H. Thomson Scholarship

The R. H. Thomson Memorial Scholarship is an annual scholarship each year to honor the accomplishments of R. H. Thomson. The application must be postmarked by February 14th and announcement of the recipient will be made by May 1st. A scholarship in the amount of \$5,000 will be awarded for the 2009-2010 school year. The aim of the scholarship program is to encourage students to pursue a course of study leading to a Bachelor of Science or advanced 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 further information, visit [www.seattleasce.org/careers/scholarship](http://www.seattleasce.org/careers/scholarship) and click on "more info" or you may contact the R. H. Thomson Scholarship Committee chair via the same webpage.

## Let Your Voice Be Heard

By Jack Bjork, P.E.

As you may have noticed, our newsletter contains mostly official announcements and articles written by board members. Rarely are controversial issues discussed or opinions aired. To remedy this and encourage your input and involvement, we will be adding a new column called "Voice of the Members."



The purpose of this column will be to provide a forum to discuss civil engineering-related issues, of which there seem to be many – infrastructure projects and funding, continuing education for licensure, and public policy, to name a few. Opinions will be welcomed but submittals will need to be professional in tone and not personal.

Submittals should be 500 words or less. Your letter must include your full name and preferably your title and employer (or role, such as student). As with newspaper letters to the editor, we reserve the right to edit for length and clarity. The section president will have the final authority to accept or reject letters.

Letters must be submitted by the newsletter deadline. Since this feature will begin in the January issue, the first deadline is December 19. Submit letters to our newsletter editor at [seattleascenews@gmail.com](mailto:seattleascenews@gmail.com). Hope to hear from you.

---

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

goals. Please know that all that you do for ASCE is noticed and tremendously appreciated. Without you, we would be nothing. It is an honor to be elected President and to represent an amazing group of civil engineers. Thank you for all that you do.

If you have any questions, comments, feedback, or just want to say hello, please contact me. The best way to get in touch with me is to send an email to [ann.bryant@comcast.net](mailto:ann.bryant@comcast.net). Happy Holidays!

Sincerely,

*Ann Bryant, P.E.*

Section President

---

# ASCE Seattle Section Executive Board Meeting Minutes

## October 8, 2008 Meeting Minutes

### ATTENDANCE

#### Board Members

Ron Bard Jack Bjork, Ann Bryant, Perry Cole, Erin Fletcher, Jeanne Justice, Doug Knapp, Garth Merrill, Marc Schulte.

Quorum: YES

Absent with Notice

#### Other Members Present

Ron Borowski, Dave Enger, Paul Grant

#### Visitors

Mike Barton, ASCE Region 8 Representative from Arizona

### CALL TO ORDER

Section President Ann Bryant called meeting to order at 4:31 p.m.

Board unanimously approved September 10, 2008 meeting minutes.

### PROCEEDINGS

#### 1. Regular Business

##### Treasurer's Report

Final reports from spent down current account balance in 2007-2008.

Garth has changed investment allocations to put reserve funds into certificates of deposit (staggered to mature on a regular cycle), rather than a money market account.

##### Standing Committees

Standing committee report uploaded to eRoom earlier in the week.

NO ACTION ITEMS

##### Branch Reports

Branch reports were uploaded to eRoom earlier in the week.

NO ACTION ITEMS

##### Technical Committees

Technical committees report uploaded to eRoom earlier in the week.

Urban planning and transportation committee is looking for input on updating statewide transportation infrastructure report card. Discussion recommended first recognizing the enormity of the endeavor. Be specific about the scope of the project; make sure to coordinate with other branches and sections. Consider applying for SPAG money from ASCE National (applications due November 7), look into Hawaii Section's success in procuring grant money for updating their report card.

NO ACTION ITEMS

#### Younger Member Forum

YMF report uploaded to eRoom earlier in the week.

NO ACTION ITEMS

#### 2. Old Business

##### Newsletter and Web Site

Web site is still being updated, in particular a calendar application. New newsletter editor is Todd Crandall, who is looking to re-vamp email distribution program. Tracey is working on advertising invoices.

##### Meeting Program

Meeting program is shaping up

October - Sound Transit

November - China Earthquake

December - Joint meeting with Tacoma Section in Tacoma.

January 22 - Joint meeting with SEAW in Bellevue.

February through June - Reserved McCormick & Schmick's Westlake for remainder of meetings.

Looking to book a speaker about generational differences in workplace for the February meeting.

#### 3. New Business

##### Region 8 Governor Travel

*Background:* Ron Borowski has been appointed as ASCE Region 8 governor. ASCE National provides some reimbursement, but will not cover all his travel costs.

*Motion:* ASCE Seattle Board will reimburse Ron Borowski up to \$500 for previous travel and up \$1000 for the 2008-2009 fiscal year, via a board-authorized disbursement. Jack Bjork. Perry Cole (2nd).

MOTION PASSED

##### Moving Seattle Forward

ASCE Seattle is co-sponsoring Moving Seattle Forward event. ASCE Seattle will send an email announcement to our membership.

##### Nominations for Region 8 Leadership

There are three openings for Region 8 Board of Governors and directors. Nominations are due December 1.

##### Declaration of Region 8 Assembly Alternate

Ron Bard will be Region 8 Assembly Alternate.

##### Seattle DPD Survey

Seattle DPD is conducting an electronic survey regarding electronic plan submittal. ASCE will assist by sending out to ASCE membership.

##### EWB ASCE Task Committee

Looking for chair of a task committee to find better way to

See [October Minutes](#) on page 5

---

**October Minutes** (continued from page 4)

interact with local EWB chapters. Is there more we can be doing?

Jack will forward a copy of ASCE Seattle Duties and Procedures to local EWB to use for informational purpose

**Liquid Assets Television Program**

*Motion:* ASCE Seattle Section requests that public television station re-broadcast the "Liquid Assets" program in the near future. Jack Bjork. Ron Bard (2nd).

MOTION PASSED.

**Proposition 1 and Initiative 985**

Important to address these upcoming ballot measures, but should clarify language before making an endorsement. Jack will craft language for the motion. Motion on endorsement will put posted to eRoom as soon as possible.

**Membership Survey**

Jack would like to conduct a survey Seattle Section membership to assess how we are meeting members' needs. Marc will assist in posting via "survey monkey" web service.

**Outstanding Section and Branch Award**

Needs champion for award application. Jack and Ann will cooperate to sort this out.

**SPAG Application**

SPAG application deadline is November 7.

**4. Announcements for Meeting**

Moving Seattle Forward Event.

Region 8 Awards.

Ron Borowski's appointment on Region 8 Board of Governors.

**ADJOURNMENT**

Meeting adjourned at 5:45 p.m.

Minutes submitted by Secretary, Marc A. Schulte.

**ADDENDUM TO OCTOBER 8, 2008 MINUTES**

**Proposition 1 Endorsement**

The Board voted on endorsing the measure using the eRoom forum the week of October 13.

*Motion:* Resolution for the Endorsement of Passage of Proposition 1 by the Board of the Seattle Section of the American Society of Civil Engineers.

Whereas, transportation and mobility are critical to the quality of life, economic well being and public safety,

Whereas, the American Society of Civil Engineers (ASCE) has adopted Policy Statement 494 which states

ASCE supports the funding, planning, design, construction and operation of safe, efficient and cost-effective, new and upgraded public transportation systems as part of the comprehensive, multimodal approach to meeting existing

and future transportation.

ASCE promotes the expanded use of public transportation including urban mass transit systems and commuter rail systems. Properly managed public transit systems have demonstrated their value in reducing the dependence upon the automobile as the primary transportation mode in urban areas. Establishing an effective operating public transportation system improves our ability to control traffic congestion, enhance mobility, lessen pollution and other environmental affects, improve safety and reduce energy demands.

Whereas, transportation infrastructure in the Seattle Section is currently inadequate and likely to worsen over time,

Whereas, the first phase of light rail within the Seattle Section is underway,

Whereas, the system will include

- 36 miles of new Light Rail and trains running east to Bellevue and Microsoft, north to Lynnwood and Northgate, and south to Federal Way
- Express Bus service increased by 17% across-the-board and up to 30% on the highest-demand and most crowded routes
- Sounder Commuter Rail service expansion by 65% between Lakewood, Tacoma, and Seattle.
- A new Bus Rapid Transit service connecting Seattle to Microsoft and Redmond across SR 520.
- A sales tax increase of 0.5%, costing the average person about \$70 per year
- Reduced carbon emissions.

Now, therefore, the Executive Board of the Seattle Section of the American Society of Civil Engineers on October 15, 2008 has voted to endorse and has recommended the passage of Proposition 1 on November 4, 2008.

MOTION PASSED

Addendum Submitted by Secretary, Marc A. Schulte  
October 20, 2008

**November 12, 2008 Meeting Minutes**

**ATTENDANCE**

**Board Members**

Ron Bard, Jack Bjork, Ann Bryant, Garth Merrill, Marc Schulte, Josh Shippy.

Quorum: YES

**Absent with Notice**

Perry Cole, Erin Fletcher, Jeanne Justice

**Other Members Present**

Dave Enger, Paul Grant

See **November Minutes** on page 6

## CALL TO ORDER

Section President Ann Bryant called meeting to order at 4:37 p.m.

Board unanimously approved October 8, 2008 meeting minutes as revised.

## PROCEEDINGS

### 1. Regular Business

#### Treasurer's Report

We are starting our new fiscal year. We want to make sure that the student chapters and technical committees avail themselves of their allocations this year. Note that the annual budget includes base operating funds, but that the expenditure of funds from the "additional funds" column requires justification and receipts. The banking fees appearing on this month's report are annual, not monthly, fees. Receipts for newsletter ads are coming in slowly.

#### Standing Committees

Standing committee report will be uploaded to eRoom.

##### *House and Hospitality Committee*

Section will need a new house and hospitality chair starting next year.

##### *PSEC*

High school career day in Everett was well-attended. North Sound Community College and SPU mentor nights were also successful. Engineer of the year award nominations are coming up, and will be due January 9th. Annual awards banquet will be in February.

NO ACTION ITEMS

#### Branch Reports

Branch reports will be uploaded to eRoom.

NO ACTION ITEMS

#### Technical Committees

Technical committees report was uploaded to eRoom earlier in the week.

NO ACTION ITEMS

#### Younger Member Forum

YMF report uploaded to eRoom earlier in the week.

Seattle Section YMF won the Younger Member Group Award for 2008 at ASCE National meeting in Pittsburgh. Toys for Tots event and food bank volunteer events are coming up.

NO ACTION ITEMS

### 2. Old Business

#### Newsletter and Web Site

Jack reported on our new email management system, which includes unsubscribe features and opened mail tracking. Only 12 members have asked to be unsubscribed to the list.

The email list can be updated every month, and it maintains the unsubscribe list. Our most recent recent emails have had a 54-59 percent open rate.

Web site update is continuing. We need to look into getting a re-direct from the old page at ASCE National to our new page.

#### Engineers Without Borders

Still looking for help to coordination between local section and local EWB chapters. Is there a connection to be made with the Life Members?

### 3. New Business

#### Professional Development Hours

Board discussed the possibility of providing professional development hours for attendance at Section meetings. Before embarking on such an initiative, we should be aware of requirements for accreditation of such hours, since some organizations (like state licensure boards) have strict rules about accreditation of hours, while other organizations depend on self-reporting. Should look into examples such as ACEC's breakfast seminars. In general, would like to keep level of record-keeping effort for Section to minimum.

#### Newsletter Input

Would like to solicit member input to the newsletter in form of letters to the editor.

#### Post Office Box

Looking into possible alternatives to current P.O. box location.

#### Announcements for Meeting

House and hospitality committee volunteers needed.

Region 8 Outstanding Project Award for the Bremerton Wave Attenuated

## ADJOURNMENT

Meeting adjourned at 5:33 p.m.

Minutes submitted by Secretary, Marc A. Schulte.

## Rep. Doug Ericksen to Speak at North Branch December Meeting

The North Branch bi-monthly meeting will be December 10 at Extreme Sports in Bellingham. Our guest speaker will be Rep. Doug Ericksen, Deputy Minority Leader of the 42nd legislative district. Ericksen is the ranking minority member on the Transportation Committee and a member on the Technology, Energy and Communications Committee. We anticipate the main topics to be transportation, budget, and other related infrastructure issues. We ask that members provide questions for our guest prior to the meeting, which we will use as time permits. Send questions to Steven Goodrich at [stevenpgoodrich-eng@clearwire.net](mailto:stevenpgoodrich-eng@clearwire.net). This should be an interesting discussion!

## PSEC Engineer of the Year Award Nominations

By W. Paul Grant, P.E.  
PSEC President &  
ASCE PSEC Representative

Every year, the Puget Sound Engineering Council (PSEC), a consortium of regional professional engineering organizations including ASCE, hosts an awards banquet for distinguished engineers during Engineer's Week in February. Among the societies participating in PSEC, each is allowed to make a nomination of a single engineer for an award in each of the following categories:

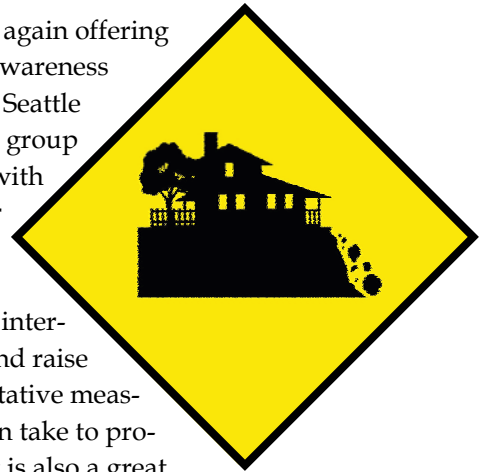
- Academic Engineer of the Year
- Government Engineer of the Year
- Industry Engineer of the Year
- Professional Engineer of the Year
- Engineering Educator of the Year
- Young Engineer of the Year

During the month of December, the Seattle Section of ASCE will develop a list of nominees for these categories. If you are interested in nominating a Section member for one of these awards (self-nominations included) or for more information on the program, please contact Paul Grant (pgrant@pangeoinc.com or 206-262-0370). Nominations from the membership must be received by December 15. To learn more about the awards visit: [www.pseconline.org](http://www.pseconline.org).

## Volunteers Needed for Seattle Landslide Awareness Meetings

By Eric W. Heller, PE, LG

The City of Seattle is again offering its public landslide awareness meetings. The ASCE Seattle Section Geotechnical group is providing a table with volunteers to answer questions posed by homeowners. This a good opportunity to interact with the public and raise awareness of preventative measures homeowners can take to protect their property. It is also a great community service and fun too. To learn more about the workshops visit: [www.seattle.gov/dpd/Emergency/Landslides/](http://www.seattle.gov/dpd/Emergency/Landslides/)



The final workshop will be:

Date: December 6

Time: 10 am to noon

Location: South Seattle Community College

If you would like to volunteer or have questions please contact our Public Relations Chair, Carlo Evangelisti, at [carlo.evangelisti@amec.com](mailto:carlo.evangelisti@amec.com).

## Welcome New ASCE Members!

We would like to welcome the thirteen new members who joined the Seattle Section during November. If you see someone you know, give them a call.

### Seattle Section

|                         |                       |                      |
|-------------------------|-----------------------|----------------------|
| Kevin Brink             | Consulting Engineer   | Puget Sound Energy   |
| Julian Fernandez Torres | Student               |                      |
| John Lally              | Owner                 | Lally Consulting LLC |
| Steve Nelson            | Civil Engineer        | URS Corporation      |
| Jesse Nofziger          | Student               |                      |
| Dylan Parker            | Co-Owner              | Parker Bros.         |
| Brett Sellars           | Geomatics Engineer    | Fugro Inc            |
| Carla Talich            | Senior Civil Engineer | URS Corporation      |
| Matthew Tiedemann       | Student               |                      |

### Kitsap Branch

|                 |                  |                             |
|-----------------|------------------|-----------------------------|
| Robert Bird     | Student          |                             |
| Thomas Bringloe | Senior Principal | The Glostten Associates Inc |

### North Branch

|               |          |  |
|---------------|----------|--|
| Mark Layton   | Engineer |  |
| Jeremy Westra | Student  |  |

## Younger Members Descend Upon “The Burgh”

by Eric S. Herzstein, P.E.

Younger Members from the Seattle Section attended the 138th ASCE Annual Civil Engineering Conference held in Pittsburgh, Penn. on November 5–8, 2008. Students, Younger Members, and Section/Branch Leaders attended the conference from all over the country. The conference included technical tours, national committee meetings, joint sessions, and a Younger Member Leadership Symposium.

This year Seattle YMF received the Younger Member Large Group Award. The award is given for outstanding professional, technical, social, outreach, and community service activities performed by the Seattle Section YMF. Also honored was our own Ann Bryant, who was awarded the Edmund Friedman Young Engineer Award. This award is given in recognition of professional achievement to advance the profession as well as technical competence, high character, integrity, and contributions to public service.

Other highlights from the conference included an energizing opening session by bestselling author Jason Jennings, a panel discussion with entrepreneurs who opened their own engineering firms, workshops on engineering leadership, the future of the Civil Engineering workforce, and entertaining “social/networking” events.

In addition, the YMF group submerged themselves in the culture of Pittsburgh. No trip to Pittsburgh is complete without a trip to the “Almost Famous” Primanti Brothers, where since 1933 they have been topping their sandwiches with a handful of French fries and massive scoop of coleslaw.

Other than a full stomach, this year’s conference attendees came away with innovative leadership techniques, new contacts in the Civil Engineering field, and a new appreciation for the city of Pittsburgh. A tremendous amount of credit goes to ASCE Na-

tional and the Pittsburgh Section for hosting an outstanding conference. The 2009 Annual Conference will be held in Kansas City, Missouri...home of some of the best BBQ in the United States!



*Ann Bryant receives the Edmund Friedman Young Engineer Award for Professional Achievement.*



*Seattle ASCE members outside the David L. Lawrence Convention Center in Pittsburgh, which is the largest Gold LEED certified green convention center in the USA and the first of its kind in the world.*



*Seattle Younger Members accept the National Outstanding Large Younger Member Group Award. (From left) Josh Shippy, Erin Fletcher, Garth Merrill, Doug Knapp, Eric Herzstein, and Ann Bryant.*



# Plan Ahead for the 2008 Local Outstanding Civil Engineering Achievement Awards

By Jack Bjork, P.E.

Have you been doing interesting work? Did you complete an innovative project in 2008? Start planning to apply for a Local Outstanding Civil Engineering Achievement Award.

Don't miss this opportunity to gain recognition for you and your organization or clients. The application process is relatively easy and winners get some terrific benefits:

- Make a presentation about your project at our June meeting.
- Receive plaques for you and your organization or clients.
- Be featured in an article in the *Daily Journal of Commerce*.
- Receive a personal letter of congratulations from our U.S. Senator
- Be offered a feature page in our monthly ASCE newsletter that reaches 2,400 civil engineers in the Puget Sound area. (Check out this month's featured project on page 10.)
- Display your project at one of our monthly meetings.
- Display your project at the ASCE booth at the annual Engineer's Fair.
- Be nominated for an outstanding project in Region 8, which covers Washington, Oregon, Arizona, Utah, Nevada, Idaho, Montana, Alaska, and Hawaii. Winners of the Region 8 awards may be invited to present their projects at the Fall Region 8 meeting in Montana.
- Looks fantastic on your resume.

Unbelievable! Last year 18 entries were received and 9 received an Outstanding or Honor award. Entries are due on February 27, 2009. Applications and rules will be available soon on [www.seattleasce.org](http://www.seattleasce.org) and in the January newsletter.

As examples, here are but a few of the 2007 projects:



Golder Associates  
Richard Luark, PE  
Escala Condominiums:  
94 Ft Deep Excavation,  
Lexas Companies, LLC



HWA GeoSciences, Inc.  
Ralph Boirum, PE  
2007 Sidewalk Asset  
Inventory, Seattle DOT



C G Engineering  
Greg Guillen, PE  
SE Camp Waskowitz  
Water Tank Repair,  
Highline School District

**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**

## House & Hospitality Chair Needed

By Ann Bryant, P.E.

The Seattle Section is in need of a new House & Hospitality Chair! You may be asking yourself, "What on earth does the H&H Chair do?" Well, let me tell you! They coordinate the section meeting locations, meal selection, reservations, and check-in. The H&H Chair gets an opportunity to meet and know a lot of the Section members. No previous ASCE experience necessary; in fact, this is a great way to get involved with the Seattle Section for the first time. If you're interested in signing up to be the H&H Chair, please e-mail [ann.bryant@comcast.net](mailto:ann.bryant@comcast.net).

## Featured Project

Each month the Seattle Section newsletter features an award recipient from the 2007 Seattle Section Local Outstanding Civil Engineering Achievement Awards. The 2008 awards competition will take place in early 2009.

# Naval Hospital Bremerton Seismic Upgrades Program

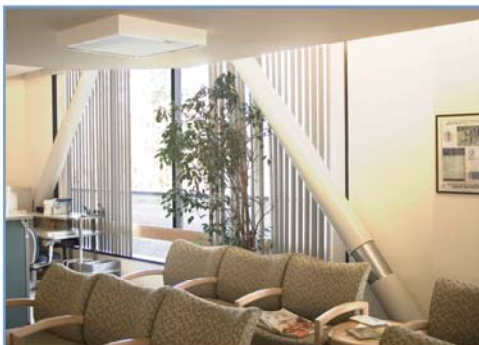
Owner  
Naval Hospital Bremerton

Engineer of Record  
David B. Swanson, P.E., S.E., of Reid Middleton, Inc.

Reid Middleton

Naval Hospital Bremerton is a 49-acre medical facility on the Kitsap Peninsula. This critical facility may need to serve over 250,000 people after a major earthquake. The primary objective of this project was improving the seismic performance of the nine-story Main Hospital, a 1970's-era steel moment-frame structure with "pre-Northridge Earthquake"-style connections. The building is susceptible to damage from excessive story drifts and weak moment connections.

Reid Middleton's structural engineers designed seismic upgrades using (88) 200,000-pound capacity fluid viscous dampers that dramatically increase the energy dissipation capacity of the structure while significantly reducing or eliminating earthquake damage. The upgrades were designed using innovative three-dimensional, nonlinear time-history analyses with site-specific earthquake records and the Basic Safety Objective (BSO) performance criteria of FEMA 356/ASCE 41. Upgrades include development of the Rapid Evaluation and Assessment Program (REAP), a first-response tool created by Reid Middleton for evaluating a building's condition immediately following an earthquake.



The Naval Hospital Bremerton Seismic Upgrades Program is a model for seismically upgrading both new and existing buildings and improving earthquake preparedness. This full-scale application of dampers to a building is the first of its kind. The \$5 million seismic upgrades infuse new life into the Main Hospital at a fraction of the cost for a new building.



# Job Announcement

## *Technical Coordinator, Safe Water Project*

In every corner of the globe, PATH works to solve some of the world's biggest health problems. In Tanzania, a malaria eradication specialist uses GPS monitors to track insecticide-spray coverage. In the Ukraine, a public health specialist trains nurses to detect and treat tuberculosis. In Seattle, Washington, an industrial engineer helps a Zambian health official develop a plan to transport medical supplies to rural villages.

Since its inception more than 30 years ago, PATH has worked to develop culturally sensitive solutions to global health problems.

PATH's projects don't stop with vaccines and public health campaigns. The organization also develops products for the developing world, such as water purification devices, a woman's condom, auto-disposable syringes, newborn care kits, and fortified rice.

As global health needs have grown, so has PATH's work force and budget. In the last four years, PATH has doubled in size to a staff of more than 700 and a budget of \$218 million, making it one of the 200 largest charities in the United States.

What makes PATH a great place to work is the passion of its people.

Thanks to some of the brightest and most dedicated public health professionals in the world, PATH projects can be found in more than 70 countries—in hospitals, community clinics, and some of the most remote villages in the world. Walk into a PATH office and you might find an American baby boomer who has been with PATH for two decades, a Kenyan mid-career public health specialist, or a recent college graduate in India who majored in international relations.

### **Sue Wallace, CIR**

1455 NW Leary Way

Seattle, WA 98107-5136 USA

Tel: 206.788.2395 Fax: 206.285.6619 [swallace@path.org](mailto:swallace@path.org)

Note: For a complete job description, visit the ASCE Seattle Section web site at [www.seattleasce.org/careers](http://www.seattleasce.org/careers)



## Calendar of Upcoming Events:

### December 6, 8:30 am

#### **History & Heritage Committee Meeting**

Location: UW More Hall, Room 218

Contact: Cindy Hirsch, (206) 438-2150,

[Cindy\\_Hirsch@urscorp.com](mailto:Cindy_Hirsch@urscorp.com)

### December 10, 6 pm

#### **Seattle Section Joint Meeting with Tacoma Section**

Location: La Quinta Inn, 1425 E 27th St, Tacoma

Speaker: Mindy Roberts and Anise Ahmed, Washington State Department of Ecology

### December 10, 6 pm

#### **North Branch Meeting**

Location: Extreme's Sports Grill, 4156 Meridian Street, Bellingham

Speaker: Rep. Doug Ericksen (R-Bellingham), ranking minority member of House Transportation Committee

Contact: Steven Goodrich, (360) 826-4628 or [stevengoodrich@hotmail.com](mailto:stevengoodrich@hotmail.com)

### January 22

#### **Seattle Section Joint Meeting with Geotechnical Group**

Location: Red Lion Hotel, 11211 Main Street, Bellevue

Speaker: Dr. Craig Benson, Chair, UW Department of Civil Engineering

December 2008 Newsletter  
Volume 44, Number 4

Attn: Todd Crandell  
1001 - 4th Avenue, Suite 2500  
Seattle, WA 98154

SEATTLE SECTION  
AMERICAN SOCIETY  
OF CIVIL ENGINEERS

