



SEATTLE SECTION NEWSLETTER

April 2010
Volume 45 No. 8

Section Officers

October 1, 2009 – September 30, 2010

SEATTLE SECTION OFFICERS

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Ann Bryant, *Immediate Past President* 425-255-3554
Perry Cole, *Director (2010)* 425-732-5684
Erin Fletcher, *Director (2011)* 206-770-3504
Stefanie Fishman, *Director (2012)* 425-821-3665

YMF OFFICERS

Eric Herzstein, *President* 206-494-0941
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David Dinkuhn, *Vice President* 360-850-5319

NORTH BRANCH OFFICERS

Steven Goodrich, *President* 360-826-4628
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

Joint Meeting with NORFMA and Water Resources Group

Wednesday, April 14, 2010

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. Credit cards accepted when registering online.

Meal: Top Sirloin Peppersteak with Red Wine Demi Glace *or* Vegetable Lasagna

5:30 Socialize
6:15 Dinner
7:15 Speaker: Ryan Ike, CFM
8:45 Adjourn

Please make your reservations by
NOON Friday, April 9, using one of the following methods:

- Call 206-926-0482 (voice mail system — please leave message)
- Send email to: seattleascereservations@gmail.com
- Register online with a credit card at:
www.brownpapertickets.com/event/106440

Please indicate with **RSVP** if the vegetarian meal is preferred.

(Note: Credit card payments will not be accepted at the door or for late registration.)

Understanding Flood Hazards through Better Mapping, Risk Assessments, and Planning

As part of its activities related to the National Flood Insurance Program, FEMA has begun the transition from Map Mod to Risk MAP (Mapping, Assessment, and Planning) in fiscal year 2009. The vision for Risk MAP is to work collaboratively with state, local, and tribal entities to deliver quality data that increases public awareness and lead to action that reduces risk to life and property.

The vision for Risk MAP is to deliver quality data that increases public awareness and leads to action that reduces risk to life and property. Risk MAP builds on flood hazard data and maps produced during the Flood Map Modernization (Map Mod) program.

Map Mod transformed the majority of the flood hazard mapping inventory to 21st century digital technology and restored confidence in the reliability of floodplain boundaries, while making updates to the underlying engineering data. The dynamic nature of floodplains requires

See *April Meeting* on back page

The deadline for the
May 2010 issue is
5:00 p.m.
FRIDAY, April 23, 2010
No exceptions.

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Your newsletter editor is:  
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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  
CIVIL ENGINEERS, SEATTLE SECTION**  
<http://www.seattleasce.org>

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#### 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

##### Display and Business Card Ads:

Contact the editor at  
[seattleASCEnews@gmail.com](mailto:seattleASCEnews@gmail.com)  
for pricing and format requirements.

## President's Column

By Eric Herzstein, P.E., M.ASCE  
Seattle Section YMF President

Let me first start by saying thank you to the Younger Member Forum officers, chairs and other volunteers who have helped this year. These volunteers have been the key to our successful events. If I could use one word to describe this year's group it would be "change." Several of our officers and chairs are relatively new to our group and have brought an enthusiasm, which is much appreciated.

The group has attended two leadership conferences this year. In October, five members attended the Younger Member Leadership Symposium (YMLS), which was part of the ASCE Annual Conference in Kansas City. We attended seminars on sustainability, generational differences, and ASCE's Vision 2025. Stefanie Fishman, Seattle Section Director and active younger member, was awarded the Edmund Friedman Young Engineer Award for Professional Achievement. The Seattle Section YMF was also awarded a Certificate of Commendation for large younger member group. In addition to the professional activities, our younger members had time to network and enjoy some of Kansas City's world famous BBQ.

In February, 11 of our younger members descended upon sunny/soggy San Diego for this year's Western Region Younger Member Council (WRYMC - pronounced *Ry-Mac*). The WRYMC portion of the conference started out with an excellent icebreaker by our very own Doug Knapp, followed by insightful roundtable discussions with other younger members on local activities. Seattle YMF came back with several great ideas on how to improve our group including:

- Inviting graduating seniors to our networking events
- Recommitting ourselves to student resume nights, mentoring, and "ask the engineer"
- Teaming with Student Chapters for K-12 outreach events
- Assisting our unemployed younger members in finding jobs
- Increasing younger member attendance at Section meetings
- Inviting principals and CEOs of companies to our "networking events" to give presentations

Some other highlights included a presentation on global warming by John Coleman (a local San Diego weatherman), student/younger member icebreakers, and technical tours. The conference ended with an awards banquet where Amanda Shellenberger received recognition as the Outstanding Younger Member in Community Activities. This award was well deserved as Amanda

See *President's Column* on page 3

## Bio for April 14 Speaker

**Ryan Ike, CFM, Risk Analysis Branch Chief.** Ryan leads the FEMA Region 10 team charged with conducting flood hazard studies in support of the National Flood Insurance Program, conducting and supporting geospatial risk analyses (HAZUS), hazard mitigation planning, Dam Safety, and the National Earthquake Hazard Reduction Program. Ryan has been with FEMA since 2000 and has primarily worked in floodplain management for FEMA Region 10. He has extensive experience working on federally declared disasters in all areas of the United States.

has been getting Seattle YMF involved in a community service activity once a month, which is a huge increase over years past.

In addition to attending conferences, our group has been extremely busy with local activities. We recently held our 15th Annual Popsicle Stick Bridge competition during Engineer's Week in February. Melissa Wu was awarded the 2010 PSEC Young Engineer of the Year Award. The group also held our Annual Leadership Retreat at Mt. Bachelor in Oregon. We are also continuing to hold monthly 1st Thursday of the month (Seattle) and 2nd Tuesday of the month (Bellevue) "networking" events. These networking and other events are open to members and non-members, so if you know any motivated young individuals who want to become involved, please send them our way.

Regards,

*Eric S. Herzstein*

Seattle Section YMF President

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## **Members Sought to Plan for Seattle Section's 100th Anniversary**

**By Cindy M. Hirsch, P.E. and Stefanie Fishman, P.E.**

The Seattle Section Board is looking for members to join a special committee to spearhead planning for the Section's 100th anniversary in 2013.

Potential duties of this committee would be securing acknowledgement of this milestone from public officials, garnering media publicity, and planning a celebratory event or multiple events. The committee would work directly with existing Seattle Section Committees including the History and Heritage Committee on this effort. Work has already begun by the History and Heritage Committee to develop content on the "people, projects, and policies" that have comprised the Section's 100-year history, with the intent of supplying this information for use in Section 100th Anniversary-related presentations or brochures.

The Section is looking to start forming the committee early; however, it is likely that the committee would not begin work until late 2010 or early 2011. If you are interested, please contact Section President Ron Bard, [RonBard@KennedyJenks.com](mailto:RonBard@KennedyJenks.com).

## **ASCE Seattle Section Officer Nominations**

**By Ann Bryant, P.E.,  
Immediate Past President**

ASCE is a volunteer organization and depends upon your involvement to enrich our professional community. Involvement can range from committee and technical group participation to leadership roles with the Section Board. If you are interested in greater involvement with the Section, the following positions starting in September 2010 are open for nominations:

- President-Elect (3 year term - President-Elect, President, and Immediate Past President)
- Treasurer (3 year term)
- Director (Technical Committees) (3 year term)
- Younger Member Representative (2 year term)

The Nominating Committee has put forth the following nominees:

- President Elect - Melissa Wu
- Treasurer - Sam Swartz
- Director - Josh Shippy & Laura Ruppert
- Younger Member Representative - Eric Herzstein

Please call or e-mail Ann Bryant (425) 255-3554 or [ann.bryant@comcast.net](mailto:ann.bryant@comcast.net) for more information on these positions. We are looking for self nominations or suggestions of others that would enjoy serving over 2,400 fellow members in our Section. To qualify for Board positions, candidates must be subscribing (dues paying) members of the Seattle Section. *Nominations can be made in person at the April 14 Section Meeting or via email by 5pm on April 13 to [ann.bryant@comcast.net](mailto:ann.bryant@comcast.net).*

**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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# ASCE Seattle Section Executive Board Meeting Minutes

## For February 10 and March 23 Meetings

### Minutes for February 10, 2010

#### ATTENDANCE

##### Board Members

Ron Bard, Ann Bryant, Marc Schulte, Mike Harney, Perry Cole, Stefanie Fishman, Melissa Wu, Garth Merrill

Quorum: YES

##### Absent with Notice

None

##### Other Members Present

Ron Borowski, Paul Grant

#### CALL TO ORDER

Section President Ron Bard called meeting to order at 4:28 p.m.

Stefanie moved to approve the minutes, and Perry seconded. Board unanimously approved January 28, 2010 meeting minutes with additions.

#### PROCEEDINGS

##### 1. Regular Business

###### Treasurer's Report

Treasurer's Report for January was uploaded to eRoom.

Treasurer's report was discussed. Dues are coming in as expected. Outstanding invoices were discussed. Go Jobs has not paid the Section for advertising in the newsletter.

Format of Treasurer's Reports was discussed, including cash flow curve.

Ann moved that the Treasurer's Report be approved, and Erin seconded. Treasurer's report was unanimously approved.

###### Tax Filing

Tax filing was discussed. National ASCE has filed an extension to May 15. Garth has posted forms on the eRoom that Branches and Committees must fill out for reporting purposes.

###### Hiring of an Accountant

Garth requested approval to hire an accountant to provide assistance with tax filing, at least for this first time tax filing. Garth estimates that it would cost \$500-1000, and has some sources that he could get estimates from. Suggestions were made regarding possible accountants.

Motion by Erin to pre-approve \$2000 and above that Garth will request approval of the Board; seconded by Stefanie and unanimously approved.

#### ACTION ITEMS

Garth will follow-up on outstanding invoices. Ron will talk with Ray Walton about an outstanding invoice. Garth will check into hiring an accountant.

##### Standing Committees

Standing committee report uploaded to the eRoom.

###### *Request for Approval to Purchase Book on Diversity*

Discussion of purchasing "Diversity by Design" which is about \$20. Board's consensus is that this purchase is approved.

###### *Request for a Chair and Committee for 100th Anniversary Event*

H&H looking for the Board to form a committee and identify a chair for this event. The H&H Committee is assuming that Section will plan a series of events, and is working on programming that can be part of an event or a series of events. H&H provided materials from the 75th Anniversary to the Board.

The Board's consensus is that it should start now to find a chair and form a committee. The Board members will consider this and discuss it at the next meeting. Discussion of possible products and events including producing a book or video on civil engineering. Ron Borowski brought up the possibility of getting a grant from National for something of this nature. Erin suggested beginning to budget for this now.

###### *Request for Funding of Landmark Plaque*

History and Heritage requests \$1800 to fund a plaque to commemorate George Vancouver's landmark for mapping of northwest US. The Board understands that this is a second plaque for the same Landmark, as the other plaque is in Canada, and this one would be at the Northwest Maritime Center in downtown Port Townsend. A ceremony would be held on May 1, 2010, so H&H would like to procure funding soon. There is precedent for more than one plaque for large landmarks, such as Stevens Pass railway tunnel. If the Section does not have full funding, H&H will look for partial funding elsewhere. Garth noted that we currently have a deficit budget, but that the Section does have funds on-hand. H&H has not used all of their \$1050 budget. Discussion of how to fund it, including allocating the H&H budget, which would put the committee over-budget.

Motion to increase H&H budget by \$1500 by Perry, seconded by Stefanie. Unanimously approved.

See [February Minutes](#) on page 5

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## February Minutes (continued from page 4)

### *On-line Payment for Section Meetings*

Discussion of on-line payment method. Fee for using Brown Paper Ticket is \$1.98 per registration. Discussion of whether to cover this fee or raise meeting price. Consensus is to try out this service as an option for registering, and put a blurb in the newsletter to advertise this service.

### *PSEC – UW Mentor Night, January 27*

This was a well-attended event with approximately 50 mentors and 100 students. About 6 to 8 ASCE members participated.

### *PSEC - Engineers Week Banquet*

The Engineers Week Banquet is on February 20. PSEC requested a Board representative at the Awards Banquet – this will be Stefanie.

Paul has enough volunteers for the Engineers Week booth.

### *PSEC - Google Group Email Blast Reactivation*

Paul Grant has requested using this service up to 6 times per year.

Board's consensus is to authorize Paul to send up to 6 email blasts per year.

### *RH Thomson Scholarship Committee Update*

Scholarship deadline is February 13. There is only 1 application so far.

### **ACTION ITEMS**

Stefanie will write a blurb for the newsletter about the on-line payment system.

### **Branch Reports**

Branch report has been uploaded to the eRoom.

Discussion of Branch activities, including January 12 Kitsap Branch meeting by Norm Brones on unique surveying methods employed for the new Hood Canal Bridge project. Next month Kitsap is having a presentation on the Bellevue Tower Crane collapse.

### **NO ACTION ITEMS**

### **Technical Committees**

Technical committees report has been uploaded to eRoom.

### *Structural Committee*

The SEAW Earthquake Engineering Committee has released White Paper 1-2009 entitled "Special Reinforced Concrete Shear Walls as Building Frame Systems for Mid- and High-Rise Buildings.

### **NO ACTION ITEMS**

## **Younger Member Forum**

YMF report has been uploaded to eRoom.

Discussion of YMF activities, including the January 30 YEPPS Multi-Engineering Society Event, and the recent YMF networking events. Attendance is up at YMF networking events.

Popsicle Stick Bridge Contest is planned for the PSEC Fair on February 13. The Western Region Young Member's Council is February 26-27 in San Diego. The YMF Winter Leadership and Ski/Snowboard Retreat is scheduled for March 18-21 at Mt. Bachelor, OR.

### **NO ACTION ITEMS**

### **Membership Report**

ASCE FTP is down, so Mark does not have current data.

### **NO ACTION ITEMS**

### **2. Old Business**

None.

### **NO ACTION ITEMS**

### **3. New Business**

#### *Jones Award*

Ann has received applications and a winner has been selected. Ann would like to present the award at the March meeting, but will not be present.

#### *Life Members*

Ann is wrapping this up.

#### *ASCE Section Elections*

Ann will work with Mike to coordinate this.

#### *Local Outstanding Civil Engineering Achievement Awards*

Timeline and process was discussed. Ann has not seen much interest from applicants so far. Ron Bard will help Ann with this, especially if the deadline has to be extended.

#### *Sister City Program*

Ron Borowski discussed the program and provided some information to the Board.

#### *ASCE Leadership Meeting*

Leadership Meeting in San Diego was discussed. Ron Bard, Marc, and Erin will attend.

#### *Adopt-A-Highway*

Adopt-a-Highway program discussed, including possibility of getting a sign.

See **February Minutes** on page 6

**ACTION ITEMS**

Ron Borowski will write a blurb for the newsletter on the Sister City program.

Garth will check into the Adopt-a-Highway program

Ron Borowski will write a newsletter article about ways to get involved in ASCE.

**4. Announcements for Meeting**

- Rebuilding together
- Diversity Committee scholarship
- Engineer's Week
- Next meeting is March 23 at Lake Union M&S.

**ADJOURNMENT**

Meeting adjourned at 5:33 p.m.

Submitted by Secretary, Michael D. Harney.

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**Minutes for March 23, 2010**

**ATTENDANCE**

**Board Members**

Ron Bard, Garth Merrill, Mike Harney, Stefanie Fishman, Melissa Wu

Quorum: YES

**Absent with Notice**

Perry Cole, Erin Fletcher, Ann Bryant

**Absent without Notice**

Marc Schulte

**Other Members Present**

Paul Grant

**CALL TO ORDER**

Section President Ron Bard called meeting to order at 4:34 p.m.

Melissa moved to approve the minutes, and Stefanie seconded. Board unanimously approved February 10, 2010 meeting minutes with addition of Garth Merrill as an attendee.

**PROCEEDINGS**

**1. Regular Business**

**Treasurer's Report**

Treasurer's Report for February was uploaded to eRoom.

Treasurer's report was discussed.

Stefanie moved that the Treasurer's Report be approved, and Melissa seconded. Treasurer's report was unanimously approved.

*Tax Filing*

Tax filing was discussed. Garth has spoken with an accountant. Garth will get Sam Swartz involved with the process. National ASCE has filed an extension to May 15. Garth posted forms on the eRoom that Branches and Committees must fill out for reporting purposes, and has received all of the necessary completed forms back.

Garth has moved to a different office and has updated the Funds Request form to include the Section P.O. Box.

**ACTION ITEMS**

Mike will update the Section letterhead to include Garth's new address.

**Standing Committees**

Standing committee report uploaded to the eRoom.

*Diversity Committee*

No update. Waiting for applications for the diversity scholarship.

*I-90 Dedication*

History & Heritage will have an I-90 floating bridge dedication and presentation. Date is to-be-determined.

*Vancouver Mapping Landmark Dedication*

History and Heritage has scheduled desiccation for May 1st at 2 pm at Port Townsend NW Marine Center. Section members are invited and encouraged to attend. History and Heritage has requested a Board member to serve as the MC for the event. Ron will check his schedule. H&H will coordinate publicity with Jennifer.

*Section 100th Anniversary*

Ron will serve as the Board's point of contact for this event. The Board discussed Stefanie's draft newsletter article on the event.

*RH Thomson Scholarship*

Committee reviewed the applications. There were fewer than normal applications, but the quality of applications was high. Committee interviewed three candidates and has selected Julian Reyes as the recipient, pending Board approval.

Motion to approve the recipient was made by Garth, seconded by Melissa, and unanimously approved.

**ACTION ITEMS**

Stefanie will send Paul Grant information on the two History and Heritage events for dissemination to PSEC membership.

### **Branch Reports**

Branch report has been uploaded to the eRoom.

Discussion of Branch activities, including February North Branch and Kitsap Branch meetings.

NO ACTION ITEMS

### **Technical Committees**

Technical committees report has not been uploaded to eRoom.

Perry corresponded prior to the meeting that the active technical groups are meeting as scheduled and that the UDT committee is getting started.

NO ACTION ITEMS

### **Younger Member Forum**

YMF report has been uploaded to eRoom.

Discussion of many February and March YMF activities, including Winter Leadership Ski Retreat and the March 25 Loyal Heights Elementary School Science Fair.

Scholarship applications are due to the Scholarship Committee by March 28.

ACTION ITEMS

Melissa is writing a newsletter article about Amanda Shellenberger's receipt of the 2010 WRYMC Award for Younger Member in Community Activities.

### **Membership Report**

The Membership Report for March 2, 2010 has been uploaded to the eRoom.

There are 10 new Section members since January 8, 2010, and overall Section membership is up.

ACTION ITEMS

Mark will disseminate information about available ASCE resources for unemployed members.

#### **2. Old Business**

None.

NO ACTION ITEMS

#### **3. New Business**

##### *Adopt-A-Highway*

Adopt-a-Highway program discussed, including possibility of getting a sign.

ACTION ITEMS

Ron Borowski will write a blurb for the newsletter on the Sister City program.

Garth will check into the Adopt-a-Highway program.

Melissa will check with Eric Herzstein about him writing a president's column for an upcoming issue of the newsletter.

Ron will forward some information from National about Section newsletter and website awards process.

Stefanie will solicit a replacement for her for the House and Hospitality chair.

#### **4. Announcements for Meeting**

- Rebuilding together
- UW Concrete Canoe
- Vancouver Mapping dedication
- Next meeting is April 14 at Lake Union M&S; joint with NORFMA.

#### **ADJOURNMENT**

Meeting adjourned at 5:11 p.m.

Submitted by Secretary, Michael D. Harney.

### **Save the Date! Seattle Works Day, Saturday May 22**

Seattle YMF is putting together a team to volunteer for Seattle Works Day on Saturday, May 22. Seattle Works Day is a community service event that mobilizes teams of co-workers, friends, alumni, and other social and professional groups at volunteer projects throughout the city, followed by a celebration of the day's accomplishments. Seattle YMF has a team every year and this year we plan to continue the tradition! More info to come soon. Contact Amanda Shellenberger at [ashellenberger@anchorqea.com](mailto:ashellenberger@anchorqea.com) for to sign up or for more information.

## Puget Sound Engineering Council Engineers Awards Banquet

The Puget Sound Engineering Council, a consortium of 20 professional engineering societies, held its 52nd annual Engineering Awards Banquet on February 20 at Boeing's Museum of Flight. The event honors the accomplishments of six outstanding engineers that are practicing in both the private and public sectors. This year's keynote speaker was Mr. Ron Tober, Deputy CEO with Sound Transit, who spoke on the current status and future plans of Sound Transit's LINK light rail system.

This year, the Seattle Section was fortunate in having four of its members receive Engineer of the Year awards, including:

- Academic Engineer of the Year: Ronald E. Nece, ScD, P.E., University of Washington and University of Illinois
- Government Engineer of the Year: Jeremy J. Barbera, formerly with the International Council of Building Officials (co-sponsored with the Structural Engineers Association of Washington)
- Professional Engineer of the Year: Raymond Walton, PhD, P.E., D.WRE, with West Consultants
- Young Engineer of the Year, Melissa Wu, P.E., with CH2MHill

Please extend a warm congratulation to each of the awardees when you see them at the next Section Meeting!



**52nd Annual PSEC Engineering Awards Banquet Engineer of the Year Awards Recipients.**

*(L to R) Ray Walton – Professional Engineer of the Year; Professor Ron Nece – Academic Engineer of the Year; Karen Pavletich - Engineering Educator-of-the-Year (The Kenneth W. Porter Award); Melissa Wu – Young Engineer of the Year; Jerry Barbera – Government Engineer of the Year; and Glen Bertini – Industry Engineer of the Year.*

## Dedication Ceremony for Captain George Vancouver's Mapping of the West Coast of North America as an International Historic Civil Engineering Landmark

Section members, family, and friends are welcome to attend!

**Date:** Thursday, April 22 at 2 p.m.

**Location:** Northwest Maritime Center, 431 Water Street, Port Townsend, WA

The voyage of Captain George Vancouver, 1791–1795, resulted in the most accurate and detailed map of its time for the entire west coast of North America. His survey conclusively proved the absence of the fabled “Northwest Passage” through the continent. Vancouver was the first European to discover and map Puget Sound and to prove the insularity of Vancouver Island. His survey of coastal British Columbia and southern Alaska benefited from information received from contemporary Spanish explorers. Vancouver's charts, used by mariners late into the 19th century, and those of the Spaniards served as important references during settlement of the international boundary disputes between Great Britain and the United States in 1846 and 1872.

In 2009, Vancouver's mapping of the West Coast of North America was nominated by the Seattle Section of ASCE and subsequently designated an International Historic Civil Engineering Landmark by the ASCE History and Heritage Committee, the Canadian Society for Civil Engineering, and the Asociación de Ingenieros de Caminos Canales y Puertos de España. This dedication ceremony is open to the public and lasts approximately half an hour. ASCE President Blaine Leonard will speak at the ceremony, as well as representatives from Canada, Spain, and officials of Port Townsend. In addition, the Northwest Maritime Center is celebrating the grand opening of the ship's chandlery on the same date and location. A sister plaque was dedicated last year in Vancouver, Canada.



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## Amanda Shellenberger Wins 2010 WRYMC Award

by Melissa Wu, P.E.

Seattle YMF member Amanda Shellenberger received the 2010 ASCE Western Regional Younger Member Council (WRYMC) Award for Outstanding Younger Member in Community Activities at this year's WRYMC held in San Diego, February 26–27. This is an annual award presented to one younger member in ASCE Regions 8 and 9.

Shellenberger is a Senior Engineer with Anchor QEA and is a registered P.E. in Washington and California. Amanda is the current Seattle YMF Community Service Chair and is also a Corresponding Member for ASCE's Committee on Younger Members. Recent examples of her civic involvement include co-coordinating the Seattle Photo Hunt to Raise Awareness and Money for Breast Cancer Research, which involved over 50 participants and raised \$940 for Breast Cancer Research, helping raise over \$100,000 for the non-profit organization Seattle Works, organizing a breakfast fundraiser for Water For People, picking up garbage and debris at Seattle's Alki Beach as part of the Beach Rescue Project, and organizing YMF's monthly community service events. Congratulations Amanda and thank you for all your hard work!



Amanda Shellenberger

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## Engineer's Ring Ceremony

May 12, 2010, 6:30 p.m.

McCormick & Schmick's Harborside Restaurant

1200 Westlake Ave N, Seattle

(In conjunction with the May ASCE Seattle Section Meeting)

Cost: \$15

The Seattle Section encourages all of our members to participate in our Ring Ceremony in the spring, as well as any engineers from other disciplines that satisfy the eligibility criteria. The Seattle Section of ASCE chartered a new link (or section) of the National Order of the Engineer in September 2003, and since then has inducted 185 new members. The next ceremony will be held in conjunction with the May Section meeting.

You are encouraged to join the Order of the Engineer if you:

1. Have graduated from an ABET-accredited engineering program, or
2. Hold a license as a Professional Engineer, or
3. Are enrolled in an ABET-accredited engineering program and within two academic terms of graduation.

Participants will receive a steel Engineer's Ring and an Obligation certificate at the ceremony. The registration fee to participate in the ceremony is \$15. Guests are welcome at the ceremony, at no cost.

Please RSVP to Garth Merrill with your name, school or company, phone number, email address, and ring size (for

the fifth finger on your writing hand) no later than April 22, 2010, to order rings in time for the ceremony. Payment will be collected the night of the ceremony.



You can reach Garth at (425) 896-5245 or [garth.merrill@transpogroup.com](mailto:garth.merrill@transpogroup.com). If you need assistance determining your ring size, you may visit your local jeweler or Garth can send you a ring sizer. More information on the Order can be found at [www.order-of-the-engineer.org](http://www.order-of-the-engineer.org).

Participants should arrive no later than 6:00 pm to ensure proper ring size.

We also welcome any participants and their guests to stay and join us for our Section meeting. This year's ceremony will be part of the meeting. The meeting includes dinner and will cost an additional \$30 per person with advance registration, or \$10 for students. Please make reservations for the dinner by calling (206) 926-0482. Visit the Section website at [www.seattleasce.org](http://www.seattleasce.org) for more information on the dinner meeting, which will feature student presentations.

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## Employment Notices

To post an employment notice in the newsletter and on the section's web site, please contact the editor in advance of the monthly deadline. Rates for advertising are shown on page 2.

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### RIVER DESIGN ENGINEER SEATTLE, WA

ENTRIX, Inc. is seeking a river engineer to work as part of an interdisciplinary team of world class scientists and engineers to provide cutting-edge solutions in river and watershed restoration, hazard assessment, flood and erosion protection, and stream crossing design for roads and pipelines.

Responsibilities include, but are not limited to:

1. Project and Task Management including scope and budget issues
2. Work on river, erosion control, habitat, restoration, and other water resource related projects
3. Conduct field assessment, surveying, and other field work
4. Assist with business development and proposal efforts
5. Mentor junior staff
6. Able to independently complete project work

Basic Qualifications:

1. B.S. or M.S. degree in civil engineering with a P.E.
2. 10 plus years of relevant professional experience
3. Experience with fluvial systems, hydrology and hydraulics
4. Five years of experience completing plans, specifications, and estimates
5. Hydraulic modeling capability in HEC-RAS and other software
6. Ability to travel periodically to field sites and other ENTRIX offices throughout the U.S. working with public and private clients

7. Excellent oral and written communication skills
8. Ability to work well independently and with a diverse, multi-disciplinary team in a fast-paced, team-oriented work environment
9. Solid time management and follow-through skills, with the ability to simultaneously work on and manage multiple tasks/projects with tight deadlines
10. Must be authorized to work in the U.S. without company sponsorship

Desired Qualifications:

1. Consulting experience
2. Construction management experience
3. Perform and/or supervise Autodesk Land Development Desktop and/or Autodesk Civil 3D with the ability to develop full engineering construction documents with little or no supervision, and able to assist staff in software program capabilities and guidance in using the civil design programs sheet layout/setup; develop surfaces; develop profiles and cross sections and perform quantity calculations
4. Strong business/client orientation
5. Positive and energetic attitude
6. Self motivated; strong initiative
7. Detail oriented; resourceful

To apply visit: [https://www7.ultirecruit.com/ent1003/jobboard/NewCandidateExt.aspx?\\_\\_JobID=416](https://www7.ultirecruit.com/ent1003/jobboard/NewCandidateExt.aspx?__JobID=416)

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## 2010 Richard Williamson Jones Memorial Award

By Ann Bryant, P.E., Immediate Past President

The Seattle Section is pleased to announce Christopher Stoll as the recipient of the 2010 Richard Williamson Jones Memorial Award. Christopher is a graduate student at the University of Washington and is pursuing a career in water treatment, particularly in the developing world. The \$2,000 award will be presented at the April 14 dinner meeting.

Richard Jones, a University of Washington civil engineering graduate, died in a plane crash at the age of 53. He worked for General Construction Company for many years and was a part of several major Northwest projects includ-

ing Bonneville and Hungry Horse Dams. At the time of his death he was Executive Vice President of General Construction Company. The scholarship was established because Richard often commented that when he was a student, he would have been much better off if he had just had a little more money for books and supplies.

Thank you to all those who applied for this year's award. It was a very strong field of applicants, indicating that the civil engineering profession and the local community will benefit greatly when these students graduate.

## Calendar of Upcoming Events

### Wednesday, April 14, 5:30 pm

#### **Seattle Section Meeting**

Location: McCormick & Schmick's Harborside Restaurant, 1200 Westlake Avenue, Seattle, WA 98109

Program: Understanding Flood Hazards through Better Mapping, Risk Assessments, and Planning

### Thursday, April 22, 2:00 pm

#### **History and Heritage Committee Event**

Topic: Dedication Ceremony for Capt. George Vancouver's Mapping of the West Coast of North America as an International Historic Civil Engineering Landmark

Location: Northwest Maritime Center, 431 Water Street, Port Townsend

### Saturday, April 24, 8:00 am

#### **Rebuilding Together Community Service Event**

Location: White Center (more info with sign-up)

Contact: Emily Spahn, [espahn@westconsultants.com](mailto:espahn@westconsultants.com)

### Wednesday, May 19

#### **North Branch Meeting**

Location: Lakeway Inn, Bellingham

Speaker: Doug Johnson, PE, Dam Safety Supervisor, Department of Ecology Water Resources Program

Contact: Jim Perry, (360) 540-1617, [jperrytype@gmail.com](mailto:jperrytype@gmail.com)

### *April Meeting (continued from page 1)*

updated analysis of flood hazards periodically to maintain a reliable inventory.

Map Mod established a foundation for easier information depiction and distribution of mapped flood hazards. To complete the evolution of the process, it is imperative to maintain the integrity and credibility of the engineering data for reliable risk identification, and ensure the information can be leveraged to improve mitigation activities beyond the minimum federal requirements for participation in the National Flood Insurance Program.

**Northwest Regional Floodplain Management Association (NORFMA)** is a non-profit professional organization that brings together people interested in and working in all aspects of floodplain management in Alaska, Idaho, Oregon, Washington and British Columbia. Members represent local, state, and federal agencies as well as private firms and academia.

NORFMA was formed in 1994. Member services include annual conferences, professional development workshops and short courses, and a website as the main communication tool. NORFMA is currently planning the 2010 annual conference to be held in September. For more details, please visit [www.norfma.org](http://www.norfma.org).

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AMERICAN SOCIETY  
OF CIVIL ENGINEERS

SEATTLE SECTION

