



SEATTLE SECTION NEWSLETTER

October 2010
Volume 46 No. 2

Section Officers

October 1, 2009 – September 30, 2010

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Rhiannon Parmelee, *President-Elect* 206-726-4724
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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, October 13, 2010

Place: McCormick & Schmick's Harborside Restaurant
1200 Westlake Avenue North
Seattle, Washington 98109

Cost: \$30 per person (\$35 for late reservations)
Students \$10; Unemployed members \$10
Spouses and guests are welcome.
Cash or checks payable to ASCE are accepted.

Meal: Parmesan Crusted Tilapia with White Wine Butter Sauce
-or- Vegetable Lasagna

5:30 Socialize

6:15 Dinner

7:00 Program: Lynn Taylor of Taylor Protocols, Inc.

8:45 Adjourn

Please make your reservations by
NOON Friday, October 8, 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/130922

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

(Notes: Credit card payments will not be accepted at the door or for late registration. Those who order tickets online are not required to make reservations through phone or email.)

Program: Putting Every Person in the Right Seat, Doing the Right Work (Including Yourself)

Are you maximizing yourself? Are you fielding your best team?

Please join us for a lively presentation and discussion by Lynn Taylor and find out how to maximize your Human Capital and yourself. Most times, it is not a person's skill, experience or attitude that prevents them from being a Top Performer in a given job, it is their innate capacity to perform certain tasks and functions the way the position requires. If a person's motivational drivers and sense of contribution does not align with the work they are being asked to do, they will never rise to the top. Created in the throws of turnaround management and business optimization projects, a revolutionary assessment was born to measure and quantify what Abraham Maslow

See *Human Capital* on page 3

The deadline for the
November 2010 issue is
5:00 p.m.
FRIDAY, October 22, 2010
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  
CIVIL ENGINEERS, SEATTLE SECTION**  
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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 Marc Schulte, P.E.

### *Accentuate the Positive*

Every profession has bad media days. One might argue that the engineering profession has had some bad media decades. It seems that the profession has lost some of its 1960s mojo, when engineers were heroic characters who had the right stuff to send humankind to the moon, build supersonic jet airliners, connect our nation with interstate highways, and construct ever-taller skyscrapers.

Engineers are not portrayed often in the contemporary media, and when we are it is typically as pocket-protector wearing, socially awkward nerds. While our cartoon avatar Dilbert is endearing, he reinforces the public's image of engineers as middle aged white men in white shirts and striped neckties.

The other day brought a twist of the media knife, with a disconcerting article in the *New York Times Magazine* ("[Engineering Terror,](#)" 12 September 2010) pointing out the disproportionately large number of international terrorists who are engineers by training.

I doubt that one magazine article will change the public's perception of engineers from misfits carrying slide rules to miscreants carrying side arms. After all, we don't think all lawyers and doctors are all melodramatic ne'er-do-wells, like their fictional soap opera counterparts.

But there is no better time to provide examples of how engineers are a positive component of society, and that we are as diverse and inclusive as the nation we live in. We must reinforce the good engineers do for our community, and take the lead in policy discussions about protecting public safety and the environment.

This year, I am excited that the ASCE Seattle Section will be reinvigorating our focus on community service and K-12 outreach. Also, it's time to start looking ahead to celebrating the Seattle Section ASCE's centennial year in 2013. I am looking forward to working with a dynamic team on our Board of Directors and Committee Chairs on an exciting year ahead, and invite you to join us in accentuating the positive in our engineering community.

Regards,

*Marc Schulte, P.E.*

Seattle Section President

*Marc Schulte can be reached at [marc.schulte@tetrattech.com](mailto:marc.schulte@tetrattech.com) or 206-728-9655.*

## Bio for October 13 Speaker

Lynn Taylor is President and CEO of Taylor Protocols, Inc. For more than 20 years, Taylor has led the turnaround effort in more than 200 companies with another 200+ business optimization and reorganization projects. He was a pioneer in computer speech recognition and in non-invasive medical diagnostic imaging. He has managed, trained, or coached more than 1,600 executives in small and mid-sized companies, raising them to their highest and best contribution. Clients include: Alcoa Primary Metals, ATT Wireless, RBC Dain Rauscher, Merrill Lynch, Microsoft, Southwest Airlines, Northwest Airlines, FLS, HOK, Quadrant Homes, and Weidner Investment Properties.

pointed to over 50 years ago which helps to show where best people can rise to their place of highest and best contribution and shift the human productivity bell-curve. Each person will have a powerful description of their deepest spiritual nature, their unchanging Real Core Values Self.

**Value to attendees:** Based upon the first assessment that measures and characterizes the Real Core Values Self—a kind of x-ray of the human spirit, attendees will know their true nature and how the pursuit of greater business and leadership effectiveness parallels their own personal development.

**Free CVI Assessment:** For this presentation, each person who RSVP's to attend the meeting (*and provides their email address*) will receive a free online Core Values Index (CVI) assessment (\$50 value) prior to the meeting. The CVI is an assessment used by thousands of companies, organizations, and groups around the world. The CVI is quick and easy to complete—it will take less than 10 minutes of your time. Taylor Protocols will send you an email with a link to your online CVI assessment. Once you complete the online assessment, Taylor Protocols will instantly tabulate the results and issue you a compelling report that will give you insight concerning your unique combination of core values. Mr. Taylor will discuss the CVI at our ASCE meeting, and be able to answer any questions that you may have. In order to get the most value from Mr. Taylor's presentation, we strongly encourage everyone to take the quick and easy online CVI assessment before the meeting, and you may want to bring your results.

## UW Seeks Input on New Master's Degree Program

Help shape the future of education in Critical Infrastructures!

The University of Washington is interested in your opinions about a Master's degree in Strategic Planning for Critical Infrastructures. As a working professional, your feedback about the types and quality of educational offerings in your field is very important.

Please take 8-10 minutes to [complete this online survey](#) by October 15, 2010.

(Survey address is: <https://catalyst.uw.edu/webq/survey/uweomr/111146>)

Thank you in advance for doing your part to improved educational opportunities in your industry!

## Post Disaster Safety Evaluations Training Workshop in Portland, OR

**REGISTRATION DEADLINE: Tuesday, October 12**

Time: Tuesday, October 19, 2010  
9:00 AM - 4:00 PM

Cost: \$100 ASCE Member  
\$150 Non-Member

Location: Port of Portland Headquarters Building,  
Chinook Room  
7200 N.E. Airport Way  
Portland, OR 97218

ASCE's Committee on Critical Infrastructure (CCI) and SouthWest Washington Branch is pleased to sponsor the disaster management training workshop, Post-Disaster Safety Evaluations, in cooperation with California Emergency Management Agency (Cal EMA) and Applied Technology Council (ATC) in Portland, OR.

The training workshop materials are based on *ATC-20: Procedures for Post-Earthquake Safety Evaluation of Buildings* and *ATC-45: Safety Evaluation of Buildings After Wind Storms and Floods*. These materials were developed to evaluate the safety of damaged buildings and infrastructure after earthquakes, winds, and floods. The procedures are written specifically for architects, engineers, building officials, contractors and others in the building industry who would be called upon to make on-the-spot safety evaluations regarding the continued use, entry, operation, and/or occupancy of damaged buildings and infrastructure.

Post-disaster Safety Evaluation of buildings (ATC-20/45) is the de facto standard for safety evaluations of buildings and infrastructures throughout the United States and the Pacific Rim. This training is critical for our country's disaster preparedness and resilience. Trained volunteer engineers and inspectors are needed in the aftermath of large-scale disasters to evaluate the safety of building and critical infrastructure. Civil and Structural Engineers play a key role in the disaster response and recovery for our nations communities. FOR MORE INFORMATION AND TO REGISTER ONLINE, please visit [ciasce.asce.org/portland](http://ciasce.asce.org/portland).

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# ASCE Seattle Section Executive Board Meeting Minutes

## Minutes for June 9, 2010

### ATTENDANCE

#### Board Members

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

Quorum: YES

#### Absent with Notice

Erin Fletcher, Mike Harney

#### Other Members Present

Paul Grant (PSEC)

### CALL TO ORDER

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

Board unanimously approved May 12, 2010 meeting minutes.

### PROCEEDINGS

#### 1. Regular Business

##### Treasurer's Report

Treasurer's reports for April and May have been uploaded to the eRoom.

Board unanimously approved Treasurer's reports.

##### Standing Committees

Standing committee report uploaded to the eRoom.

Will need to confirm next year's committee chairs; Board discussed initiating a committee to celebrate ASCE Seattle Section's centennial, which is in 2013.

NO ACTION ITEMS

##### Branch Reports

Branch report will be uploaded to the eRoom.

NO ACTION ITEMS

##### Technical Committees

Technical committees report has been uploaded to eRoom.

Geotechnical committee has had a difficult year due to recession. Water resources committee will need a new co-chair, since Laura has elected as technical committees director. PSEC leadership seminar September 25.

NO ACTION ITEMS

#### Younger Member Forum

YMF report uploaded to eRoom.

Next year's officers include Rhiannon Parmalee (President) Amanda Schellenberger (President-Elect).

NO ACTION ITEMS

#### Membership Report

Membership has seen a slight increase since membership roll purge by ASCE National this spring.

NO ACTION ITEMS

#### 2. Old Business

NO ACTION ITEMS

#### 3. New Business

##### *Planning and Budget Meeting*

Seattle Section planning meeting and budget meeting needs to be scheduled.

##### *Awards*

Nine awards will be given out at tonight's meeting; there was a feature story in today's DJC about the awards.

##### *Professional Licensing*

Washington State licensure board has a proposal that would allow licensure by comity to engineers from Canada who have not taken an examination equivalent to the U.S. Professional Engineering license exam.

Motion: The ASCE Seattle Section Board opposes the granting licensure to civil engineers who have not taken an examination. (Cole, Merrill)

MOTION PASSED

##### *Continuing Education*

Washington State licensure board has also been discussing mandatory audited continuing education for professional engineers. Perry and Marc described meeting on May 19th, at which representatives from ASCE, WSPE, ACEC and AELC discussed the issue. Consensus of that meeting closely resembled ASCE's prior officially adopted positions. This includes: mandatory continuing education (as stated in current Washington state law); a broad and inclusive definition of qualifying continuing education activities; self-documentation; and minimal auditing at the discretion of the state licensure board

See *June Minutes* on page 5

(primarily in the cases of complaints and comity). ASCE Seattle Section members, including Larry Costich (legislative committee chair) and Erin Fletcher (branch director), are attending state board meeting tonight (June 9) to participate in the board's public meeting.

#### *Adopt-a-Highway*

Garth did some research into local adopt-a-highway programs, including King County, City of Seattle, and WSDOT. WSDOT requires 4x/annual maintenance, which would be volunteer-staffed (no sign), or we could pay a fee of \$300-900 to have a WSDOT crew do the work, in which case we would get an acknowledgement sign. City of Seattle requires 4x/annual maintenance, and will post sign for at least one mile of road. King County requires 2x/annual volunteer-staffed maintenance. Each activities would take about 2-4hrs depending on location, number of volunteers. King County requires 2 year commitment. Consensus was to further explore the King County option. Discussion of making these efforts part of a broader community outreach committee.

#### *Election Results*

Earlier this week, Mike Harney sent a letter to President Ron Bard and the Board detailing the results of this year's elections:

- President-Elect – Melissa Wu
- Treasurer – Sam Swartz
- Director 2010-2013 (Technical Committees) – Laura Ruppert
- Constitution and Bylaw Changes - Passed

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

- Awards (Ann)
- RH Thomson Award (Stefanie)
- Election Results (Ron)

#### **ADJOURNMENT**

Meeting adjourned at 5:30 p.m.

Minutes taken by Marc Schulte; submitted by Secretary, Mike Harney.

### **ASCE Seattle Section Executive Board Meeting Minutes Minutes for September 8, 2010**

The September 8 minutes will be published in the November 2010 newsletter.

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## **Registration Open for EERI Technical Seminar on FEMA 547, Techniques for the Seismic Rehabilitation of Existing Buildings**

Registration is now open at <https://www.eeri.org/registration/tech-seminar.php> for the one-day EERI technical seminar on FEMA 547, Techniques for the Seismic Rehabilitation of Existing Buildings, scheduled for Thursday, November 4 at the Red Lion Hotel, 1415 Fifth Avenue, Seattle.

The Seattle Section ASCE is a cosponsor of this event.

The primary goals of the seminar are to provide: 1) an overview and examples of practical and effective seismic rehabilitation techniques, and 2) guidance on their use in mitigating specific seismic deficiencies on a range of model building types. Seminar presenters are EERI members and

the lead authors of FEMA 547: Bill Holmes (Rutherford & Chekene), Bret Lizundia (Rutherford and Chekene), Jim Malley (Degenkolb Engineers) and Kelly Cobeen (Wiss Janney Elstner). Attendees will receive a CD version of FEMA 547 and a notebook of seminar presentations.

Registration fees are \$225 for EERI and cosponsor members (including Seattle Section ASCE), \$300 for nonmembers, and \$125 for EERI student and young professional members.

The registration site has a link to the seminar brochure with an outline of the program and a printable form to register by fax or mail, if preferred.

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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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### SENIOR ENGINEER Sitka, Alaska (pop. 8,900)

Salary to \$95K per year DOQ/E. Excellent benefits package. The City and Borough of Sitka seeks a Senior Engineer with extensive experience in oversight of engineering design, modification and implementation of capital projects and related Public Works.

Located in the Alaska Panhandle, Sitka is renowned for its natural beauty, fishing, and wilderness. Dynamic and busy, Sitka is a great place to live and work. As Alaska's first city and as a cultural heritage site, the community is diverse and rich in tradition and activities: two hospitals, three high schools, University of Alaska Southeast, summer music festival, fine-arts camp, WhaleFest, Alaska Day, Raptor Center, a Russian church, and the National Historical Park are just a few of the sights and opportunities. Sitka offers miles of trails and spectacular and breathtaking settings for outdoor activities. Less than a 2-hour direct flight from Seattle; with all regular public utilities and facilities; cable and high-speed internet access.

Bachelor's Degree or equivalent is required. Alaska P.E. license required within one year. Reports to Municipal Engineer. Engineering Department expanding, many projects funded and ready to go. A complete job description and application forms are available at [www.cityofsitka.com](http://www.cityofsitka.com). Please send or fax resumes and applications to:

Human Resources  
City and Borough of Sitka  
100 Lincoln Street  
Sitka, Alaska 99835

Contact Human Resources: (907) 747-1846 fax, (907) 747-1816 voice, [markd@cityofsitka.com](mailto:markd@cityofsitka.com) for any questions. Application review begins September 27, 2010. Open until filled - EOE/RC

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### Stormwater Management Manual for Western Washington: Stormwater Site Plan Development for Phase II Municipal Stormwater Permittees (Special Class for Engineers)

November 10, Lacey  
November 18, Mount Vernon

This one-day class is geared toward consultants who work with local governments using the 2005 Stormwater Management Manual for Western Washington to regulate drainage and stormwater in proposed development and redevelopment projects. You will learn how to use the stormwater manual to create a stormwater site plan that is in compliance with the 10 Minimum Requirements defined in the manual such as source control, on-site management, treatment, and flow control. You will also hear two case studies that further explain the details associated with creating a stormwater site plan. In addition, the class will provide guidance on the relevant Phase II Municipal Stormwater Permit requirements and tips about how to review develop a Construction Stormwater Pollution Prevention Plan.

*This class will not include any instruction on the use of the Western Washington Hydrology Model.*

The class will be held from 9 am—4 pm on November 10 in Lacey and on November 18 in Mount Vernon. The cost is \$75. Engineers may register through the Department of Ecology's Coastal Training Program website: [www.coastaltraining-wa.org](http://www.coastaltraining-wa.org).

## Calendar of Upcoming Events

**Wednesday, October 13, 5:30 pm**

### Seattle Section Meeting

Location: McCormick & Schmick's Harborside Restaurant, 1200 Westlake Avenue North, Seattle  
Speaker: Lynn Taylor of Taylor Protocols, Inc.

**Sunday, October 10, 4:00 pm**

### UW Concrete Canoe Team BBQ and Auction

Location: Sylvan Theater on UW Campus  
Information: [uwconcretecanoe.ecrater.com](http://uwconcretecanoe.ecrater.com)

**Tuesday, November 16, 5:30 pm**

### ASCE/SEAW Joint Meeting

Speaker: Mr. George Twiss, WA State Board of Registration

Note that the November meeting is on a Tuesday.

## Barbecue and Auction to Benefit UW Concrete Canoe Team

**Location: Sylvan Theater on UW's Campus**

**When: Sunday, October 10, 4:00PM to 7:00PM**

Join University of Washington's Concrete Canoe team for a delicious barbecue meal and a chance to bid on over \$2,000 worth of auction items. We have a bit of everything: gift certificates for restaurants, museum admission, rounds of golf and theater performances.

The event will be held in Sylvan Theater Sunday, October 10 from 4 pm to 7 pm. Sylvan Theater is the outdoor area off of Steven's Way across from More Hall.

Tickets can be purchased online at the following address ([uwconcretecanoe.ecrater.com](http://uwconcretecanoe.ecrater.com)) or at the event. If you plan on attending the event, please RSVP and then purchase your tickets using the method that is most convenient for you. This will give organizers an idea of how many people to expect.

Remember to bring cash or check the day of the event to pay for the auction items you win.

October 2010 Newsletter  
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Attn: Todd Crandell  
1001 - 4th Avenue, Suite 2500  
Seattle, WA 98154

AMERICAN SOCIETY  
OF CIVIL ENGINEERS

SEATTLE SECTION

