



SEATTLE SECTION NEWSLETTER

May 2014
Volume 49 No. 9

Section Officers

October 1, 2012 – September 30, 2013

SEATTLE SECTION OFFICERS

Perry Cole, <i>President</i>	425-471-9022
Stefanie Herzstein, <i>President-Elect</i>	425-821-3665
Elizabeth Korb, <i>Secretary</i>	206-331-1176
Sam Swartz, <i>Treasurer & Budget Chair</i>	206-689-3324
James Chae, <i>Immediate Past President</i>	425-990-6832
Mike Harney, <i>Director (2014)</i>	206-695-6850
Jessica Aguilar, <i>Director (2015)</i>	206-357-5625
Lisa Harbert, <i>Director (2016)</i>	425-481-6100

YMF OFFICERS

Elizabeth Clark, <i>President</i>	206-770-3661
Courtney Davis, <i>President-Elect</i>	206-926-0451
Shane Binder, <i>Board Representative</i>	425-821-3665
Adam Hill, <i>Secretary</i>	206-219-5894
James Le, <i>Treasurer</i>	206-382-9800
Amanda Shellenberger, <i>Past Executive</i>	206-903-3371

UW/SEATTLE U CONTACTS

Amy Plunkett, <i>UW Student Chapter Co-President</i>	amaznamy@uw.edu
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Chris Padin, <i>Seattle U Student Chapter President</i>	padinc@seattleu.edu

KITSAP BRANCH OFFICERS

David Dinkuhn, <i>President</i>	360-850-5319
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NORTH BRANCH OFFICERS

John Tuttle, <i>President</i>	360-733-5760
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BOEING BRANCH OFFICER

Vinny Avendano, <i>President</i>	vinicio.p.avendano@boeing.com
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WEBMASTER

Ann Bryant	seattleasce@yahoo.com
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ASCE Seattle Section Meeting

Wednesday, May 14, 2014

Place: University of Washington, Room TBD
Seattle, WA

Cost: General Admission \$15
Student or Unemployed \$5
Late General Admission \$20
Late Student or Unemployed \$10

Meal: Pizza will be provided.

5:30 Social Hour
6:00 Dinner
6:30 Break and announcements
7:00 Order of the Engineer Ceremony
7:30 Student Presentations

Please make your reservations on or before
11:59 pm on Monday, May 12.

[Register online here](#)

For assistance with online registration, please contact House and Hospitality at seattleascereservations@gmail.com

Direct questions or comments regarding meetings to Section President Perry Cole at seattleascepresident@gmail.com

Program: Order of the Engineer Ceremony and Annual Student Award Presentations

This special dinner program features the annual student project presentations. Teams of upper division students attending the University of Washington and Seattle University civil engineering programs have been working on engineering projects throughout the year. Prior to our dinner meeting, each school has a competition to select the best presentation. The two finalists will present their projects to the Seattle Section. This is a great opportunity to see the new challenges our current students are taking on and to show support for the students as they embark on their careers.

The Order of the Engineer ring ceremony for graduating and practicing engineers will also be held during the Section meeting. The purpose is to stimulate formal public recognition by engineers in the United States of

See **May Program** on page 3

The deadline for the
June 2014 issue is
5:00 p.m.
Friday, May 23, 2014

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Your newsletter editor is:  
**Todd Crandell**  
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Phone: (206) 459-2250

#### 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 your updated information from ASCE.

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

Volume 49 No. 9, May 2014  
Published 10 times a year

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

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

## No President's Column This Month

There is no president's column in this month's newsletter. The column will return in the June 2014 issue.

## ASCE Seattle's Sustainability Committee Call for Nominations

By Amanda Schweickert

The ASCE Seattle Sustainability Committee was founded in 2012. We have held successful activities these past two years which include Green Apple Day - worm composting and rainwater harvesting projects, Bullitt Center technical tour, UW sustainable campus tour, King County's Brightwater Treatment Plant tour, and Envision (sustainable infrastructure rating system) presentations.

We are looking for members interested in joining the committee and taking on leadership roles. Nominations (by May 23) and interest in participating in the committee should be sent to Amanda Schweickert at [amanda.schweickert@abam.com](mailto:amanda.schweickert@abam.com).

## New Member Report

Based on the new membership information from the ASCE national database, the following members enrolled to the Seattle Section between March 21, 2014 and April 20, 2014.

|                   |                   |
|-------------------|-------------------|
| Kalen Turner      | Alisa Ly          |
| Tracy Yang        | Nic Truscott      |
| Lester Schwaegler | Isabella Schwartz |
| Anthony Romanick  | Ta-Chung Chen     |

two basic principles. These principles are that (1) the primary purpose of engineering is service to the public, and (2) all members of the engineering profession share a common bond. There is still time to participate in the Order of the Engineer ceremony – contact Marie Phelan at [marie@osbornconsulting.com](mailto:marie@osbornconsulting.com) to sign up.

## Inaugural PNW Geodesign Form

The inaugural Pacific Northwest Geodesign Forum will be held Wednesday, May 7, 2014 on the campus of the University of Washington. Geodesign is an emerging collaboration method combining the science of geography with the methods of design. Its goal is simple: superior designs that lead to a more sustainable and healthy relationship between the built environment and the natural world. Geodesign is about using humanity's collective knowledge to actively and thoughtfully design with a rigorous method of engaging the people of the place (usually called clients by the design professions), design professions, the geographically-oriented sciences and information technologists – all focused on the goal of creating a superior design to last the test of time. Geodesign will also link the next generation of both geography and design. Geodesign approaches consider comprehensive social and environmental information in the design process. Geodesign is not all about tools - CAD, GIS, BIM, etc. - but rather about informing the decision making process of design with the right models, information, and human structures to consider (and model) the impacts of various design scenarios.

To participate or to learn more about the forum, please visit:

<http://depts.washington.edu/pgist/slcn/content/pacific-northwest-geodesign-forum>

## K-12 Outreach Committee Events

### Engineering Rocks: Request for Volunteers

**Saturday, May 10th, 12 p.m.-4 p.m. at Southcenter Mall**

Join us for our fourth annual Engineering Rocks event at the Southcenter Mall. We have several fun activities this year and are looking for enthusiastic volunteers to work with kids (grades K-5) to show them how much engineering rocks! We need volunteers for two shifts, 12-2 pm and 2-4 pm. We also need a few people from the first shift to come about a half hour early for setup and others to stick around after the second shift for clean-up. Please let us know if you would be available for setup or clean-up.

If you're interested in participating in either shift, please email Amy Thatcher ([athatcher@anchorqea.com](mailto:athatcher@anchorqea.com)) or Tara Burton ([taraloree@hotmail.com](mailto:taraloree@hotmail.com)).

### Penny Creek Elementary Science Fair: Request for Volunteers

**Thursday, May 15th, 8:45 a.m.-3:20 p.m. (2 shifts possible) at Penny Creek Elementary (4117 132nd St SE, Everett)**

Le Ann Langston is a 3rd grade teacher at Penny Creek Elementary. She has reached out to ASCE to find presenters for their annual Science Day on Thursday, May 15. Are you interested and available to participate? You would need to arrive around 8:45 am (before school starts at 9:20) and the day will conclude at 3:20 pm, lunch break included. This shift could possibly be shared between volunteers if there is enough interest. The number of presentations will depend on the number of volunteers but would likely be five presentations approximately 40 minutes each, targeting 2nd and 3rd grade students. Hands-on demonstrations with discussions are welcome. If you are interested and not sure what to present the K-12 Outreach committee can help come up with activities or ideas. If you are interested and available, please email Amy Thatcher ([athatcher@anchorqea.com](mailto:athatcher@anchorqea.com)) or Le Ann Langston ([llangston222@gmail.com](mailto:llangston222@gmail.com)).

## 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 March 25, 2014 Meeting

### Attendees:

Perry Cole  
Liz Korb  
Stefanie Herzstein  
James Chae  
Courtney Davis  
Sam Swartz

Meeting called to order at 4:30 pm by Perry.

MOTION to approve meeting minutes for January brought by Perry and passed by quorum.

### Old Business

- MRLC Report

### Treasurer's Report

- Tracking well overall.
- Some requests from students but not from YMF yet.
- Still waiting on tax info from some groups.
- Should begin transition to new treasurer.
- MOTION to approve treasure's report brought by Stefanie, seconded by James and passed unanimously.

### Membership Report

- As of March 21 the Section and Branches have 2,286 members.
- 52 new members, mostly students.
- Year to year, we are about the same.

### Standing Committees

- Website Video- Consensus to not pursue purchasing video for website.
- PSEC Inter Society Officers Workshop to be held on May 17th.
- May Dinner Meeting charges for \$15 members and \$5 students.
- **Audit Committee:**
  - No updates.
- **Diversity Committee:**
  - No updates.
- **Centennial Committee:**
  - No updates.
- **House and Hospitality Committee:**
  - No updates.
- **Legislative:**
  - No updates.

- **PSEC-**
  - No updates.
- **RH Thompson Scholarship Chair**
  - No updates.
- **University Advisory Committee**
  - No updates.
- **K-12**
  - No updates.
- **Program Chair**
  - No updates.
- **Professional Practice**
  - No updates.
- **EWB Puget Sound Professionals**
  - No updates.
- **Public Information Chair**
  - No updates.
- **History and Heritage**
  - Working on landmark brochure.

### Branch Reports and Action Items

- Nothing to report.

### Technical Committees and Action Items

- Geotechnical group
  - Nothing to report.
- Ports and Harbors
  - 51 people at February meeting.
  - Tom Rizzo from Shell Puget Sound Refinery is the speaker.
  - April speaker is Craig Funston from Redpoint Structures discussing marinas.
  - May speaker is Evan Sheesley from Berger ABAM discussing the Envision rating system and accountability tool. Joint meeting with Sustainability Committee.
- Structural Committee/ SEAW
  - Nothing to report.
- Urban Development & Transportation:
  - Nothing to report.
- Water Resources
  - Last month's meeting was on Issaquah Creek dam removal by Ryan Bartelheimer.
  - March meeting presentation is titled "Maintaining Water Quality below the White River Dams" by Kevin Fagot, PE. Located at HDR in Bellevue.

See *March Minutes* on page 5

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

- April meeting presentation is titled "Rivers in the Sky are flooding the Pacific Northwest" by Larry Shick. Located at USACE Headquarters.
- Sustainability
  - Held a meeting on March 10 and then held an event hosting Envision Sustainability Professionals.
  - April 25th at 1PM Brightwater Plant technical tour given by Ron Kohler of King County.
  - Elections- Tell Amanda Schweickert before April 25 if you would like to be vice chair, education outreach, stakeholder outreach, or communications chair for 2014-2015.

**YMF**

- Past Events
  - March 13th- APWA Texas Hold'em Poker Tournament.
  - March 5th- Networking in Seattle at the Ram.
  - February 18th- Eastside networking event at Cactus- 11 YMF members.
  - March 21-23- Winter Leadership Ski Retreat.
- Upcoming Events
  - Build an awning for a food bank. Looking for a PE to help.
  - April 26th joint happy hour with Engineers without Borders.
  - April- Rebuilding Together.
  - Summer- golf tournament.
- WRYMC
  - Want to know what to request from donors.

- Will discuss with Centennial committee for advice.
- Average costs of past years have been around \$30K.
- Committee Activities
  - Soccer team continuing for winter season.
  - Technical tour being planned on Alaskan Way Tunnel and U Link Construction.
- Action Items
  - Need to get YMF website updated.

**Miscellaneous**

- Reviews.com on Section website for online Master's in Engineering
  - No compelling reason to add to website.
- Jones scholarship ends soon. Contacted UW and SU.
- LOCEAA update- 6 applications. Have distributed info to judges.
- Officers and Director search updates
  - Contacted several people about treasurer, president, and branches director
- AccreditedOnlineColleges.org

**Announcements**

- Jones Scholarship
- CYM Employer Award to KPFF
- Officers and directors nominations

Next board meeting: April 9, 4:30pm.

Meeting called to a close at 5:40pm.

## 2014 ASCE Seattle Section Board of Directors Election Candidate Biographical Statements

The 2014 ASCE Seattle Section Board of Directors Election is taking place between April 29, 2014, and May 19, 2014. On-line ballots were emailed to the Seattle Section membership on April 29. If you believe you should have received a ballot, contact Liz Korb at [lizkorb@gmail.com](mailto:lizkorb@gmail.com).

The Nominating Committee has put forth the following nominees for Section Board positions starting in September 2014:

### President-Elect

Evan Sheesley, P.E., ENV SP, Greenroads STP

Evan is a senior engineer and head of the sustainability committee at BergerABAM. His work experience includes civil and structural design of waterfront, industrial, military, and institutional facilities. He earned his Bachelor's degree from the University of Colorado, where he served as the ASCE student chapter president and directed the planning for a regional steel bridge and concrete canoe competition. After moving to Seattle in 2007, his passion for sustainable engineering lead him in 2012 to co-found the ASCE Seattle Section Sustainability Committee, whose mission is to bring the Seattle civil engineering community together to discuss local sustainability issues through professional development and outreach activities. The committee was recently honored with the outstanding group project award at the 2014 Western Region Younger Member Council for its work with the Seattle Younger Member Forum and the Renton Boys and Girls Club. He is the committee's current vice-chair. Outside of work and volunteering, he enjoys spending time with his wife and son, playing music, hiking, and cooking.



*Evan Sheesley*

### Treasurer

Gene Gladden

Gene attended the University of North Dakota Engineering and Mines where he focused on civil engineering business and operations. He has over 18 years of experience in municipal and private infrastructure planning and project management. In that time he started and sold his first company, Tower Matrix Engineer-

ing. His second company, Staepfen, focused on AEC companies' business information governance and workflow profitability issues. In 2013 he took off his entrepreneur hat and put on the public servant hat joining Seattle Public Utilities in the Project Delivery Branch where he is focusing on implementing business information governance that define data principles for each business line.



*Gene Gladden*

In 2002 Gene became involved with the ASCE San Luis Obispo branch. After 5 years of ASCE activity in California, he moved to the greater Seattle area in 2007. In 2010 he joined with the Seattle Section of ASCE as house and hospitality chair serving local section members. In the afternoons and weekends, you'll find him and his wife working in and around the Eastside spending an average of 50 hours a month volunteering through an international nonprofit helping families learn how to make positive changes in their personal lives. In all four seasons you can find him and his family camping along the west coast, enjoying the local state parks.

### Director (Branches)

Amanda Shellenberger, P.E.

Amanda Shellenberger is a Managing Engineer and Associate at Anchor QEA, LLC in Seattle. With twelve years of experience in environmental and water resources engineering, Amanda specializes in complex source control and remediation projects at sites such as the Portland Harbor Superfund Site in Portland, Oregon and Newtown Creek



*Amanda Shellenberger*

See **Candidate Bios** on page 7

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**Candidate Bios** (continued from page 6)

in New York. She received her B.S and M.S.E. in Civil Engineering from Loyola Marymount University in 2001 and 2006, and is a licensed civil engineer in Washington, Oregon and California.

Amanda is active in the American Society of Civil Engineers where she has held a leadership role in the Younger Member Forum since 2007 including serving as the Younger Member Forum President in 2011-2012 and the YMF Board Representative for the Seattle Section in 2012-2013. Amanda has also served on the ASCE Engineer's Week Task Committee, the ASCE Committee on Volunteer Community Service, and was a corresponding member to the Committee on Younger Members. In her free time, you can find her on the soccer field, running around various parks in Seattle, or up in the mountains hiking and camping.

**Younger Member Forum Representative**

Elizabeth (Bethy) Clark, P.E.

Bethy is a Bridge Engineer and Associate with HDR. Over the past nine years, Bethy has designed a number

of bridges and other highway structures with HDR including a portion of the SR520 project in Seattle. Bethy earned a Bachelor of Science and Master of Science from the University of Arizona, and worked for HDR in Tucson for before moving to Seattle in 2009. She has held a variety of positions within ASCE including: K-12 Outreach Chair, Popsicle Stick Bridge Chair, YMF President-Elect, and is currently the YMF President and the Sustainability Committee's Outreach Chair. Her involvement in ASCE has given her the opportunity to participate in a number of outreach and community activities such as Green Apple Day, Habitat for Humanity, and Children's Engineering Events. In her free time, Bethy enjoys yoga, traveling, spending time with her husband, relaxing with a good book, and hanging out with friends and family.



*Elizabeth (Bethy) Clark*