



# SEATTLE SECTION NEWSLETTER

January 2016  
Volume 51 No. 5

## Section Officers

October 1, 2015 – September 30, 2016

### SEATTLE SECTION OFFICERS

Evan Sheesley, *President* 206-859-0224  
Kelli Dean, *President-Elect* 206-779-8484  
Tony Nguyen, *Secretary* 425-450-6309  
Gene Gladden, *Treasurer* 425-281-7288  
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Courtney Davis, *Board Representative* 206-926-0451

### UW/SEATTLE U CONTACTS

Amy Riley, *University Advisory Committee Chair*  
[amy.riley@seattleu.gov](mailto:amy.riley@seattleu.gov)

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[vinicio.p.avendano@boeing.com](mailto:vinicio.p.avendano@boeing.com)

### WEBMASTER

Eric Knigge  
[seattleasce@yahoo.com](mailto:seattleasce@yahoo.com)

## ASCE Seattle Section and Geotechnical Group Joint Meeting

Thursday, January 28, 2016

**Place:** Best Western Plus Executive Inn  
200 Taylor Ave N, Seattle, WA 98109

**Cost:** \$40 General Admission  
\$20 for non-reimbursed public agency employees, unemployed members, and students. **A limited number of student sponsorships will be provided on a first-come, first-served basis. (Students register via the link below.)**

\$45 Late Registration (after 4:00 p.m., January 22, 2016)

**Meal:** Mediterranean Pasta or Pan Seared Chicken Breast

5:30 p.m. Social Hour

6:30 p.m. Dinner

7:30 p.m. Program

### [Click here to register.](#)

For assistance with online registration, please contact Lynn Salvati at (206) 588-8150 or [rsvp@seattlegeotech.org](mailto:rsvp@seattlegeotech.org)

Direct questions or comments regarding meetings to  
Section President Evan Sheesley at  
[seattleascepresident@gmail.com](mailto:seattleascepresident@gmail.com)

### Program — Local and State Level Seismic Resilience Planning in Washington, Oregon, and California

The purpose of the talk is to put in context and describe a study that analyzed three jurisdictional earthquake resilience planning and policy initiatives in California, Washington, and Oregon. The study was commissioned by Cascadia Region Earthquake Workgroup (CREW) to help provide direction on types of programs and projects CREW can facilitate or develop in collaboration with organizations in its member states of California, Oregon, Washington, and British Columbia. An objective of the study was to reveal divergent and convergent themes across the initiatives and their respective documents, as well as to help identify possible overlooked or underemphasized themes. The study provides evidence-based information for use in evaluating the analyzed initiatives, as well as related current and future initiatives. Resilient City, conducted by SPUR (San Francisco Planning +

See *January Meeting* on page 3

The next newsletter deadline is:  
5:00 p.m.  
Wednesday, January 20, 2016

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Newsletter Editor:  
**Todd Crandell**  
[seattleASCEnews@gmail.com](mailto:seattleASCEnews@gmail.com)  
Phone: (206) 459-2250

#### CHANGE OF ADDRESS:

All changes to your address (including your newsletter e-mail address) should be provided 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>

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#### ASCE SEATTLE SECTION NEWSLETTER ADVERTISING RATES

##### Employment Ads:

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##### Display Ads:

Costs are for one year (10 issues):  
Business Card size \$100  
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Full Page \$1,000

To place an ad or for more information, contact the editor at [seattleASCEnews@gmail.com](mailto:seattleASCEnews@gmail.com).

## President's Column

By Evan Sheesley, PE, ENV SP, M. ASCE, Seattle Section President

Greetings and a Happy New Year to everyone in the ASCE Seattle family! I hope you are all recovering nicely from the end of the year holiday rush. It is a great time of year for reflection and to make resolutions. Maybe your new year's resolution includes becoming more involved with your community. There are many opportunities to give back to the community through ASCE Seattle. A popular event is our perennial [Popsicle Stick Bridge Competition](#) (date and corresponding event E-week). You could be looking to further your leadership skills and gearing up to travel to Anchorage, Alaska for our annual Multi-Region Leadership Conference. If there is one resolution you make, hopefully it includes renewing your ASCE membership.



Perhaps one of the most rewarding experiences I have had is volunteering during the annual Engineer's Week and ASCE Popsicle Stick Bridge Competition. On February 6th, at the Museum of Flight, the Younger Member Forum will bring together teams of middle school and high school students in our area to compete for the most efficient and aesthetically pleasing popsicle stick bridge. ASCE will also host a booth along with several other local engineering organizations. This is a great chance to give back to the community and help young students discover the fascinating world of engineering that we get to work in every day. A pre-event volunteer meeting is scheduled for January 19th. Check out the [Popsicle stick bridge website](#) for more information about the event and volunteer opportunities.

For an opportunity to further your professional leadership skills, become more involved with ASCE, or just enjoy Anchorage in the winter time I

See *President's Column* on page 3

## January Speaker Bio

**Dr. Scott Miles** is an expert on disaster risk reduction, community resilience, and lifeline infrastructure. He is currently a research scientist in the Department of Human Centered Design and Engineering at University of Washington and a private consultant. Prior to University of Washington, he was instrumental in establishing Western Washington University's disaster risk reduction undergraduate program, as well as WWU's Resilience Institute. He possesses a unique set of skills and experiences across the fields of civil engineering, geomorphology, geographic information systems, and urban planning. As a social scientist with an engineering background, Dr. Miles has a strong foundation in both quantitative and qualitative analysis methods. Dr. Miles has received grant funding or contracts from the National Science Foundation, Natural Hazards Center, Earth-

See *January Speaker Bio* on page 3

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

recommend attending the Region 8 and 9s Multi-Regional Leadership Conference January 22nd and 23rd. This annual conference was hosted by Seattle last year and it includes the Workshop for Student Chapter Leaders. It provides fantastic leadership training and is a great networking opportunity for all the Section and Branch leaders in the region. This is especially important for the Seattle Section as we are one of four ASCE Sections that represent Washington State. This workshop is a chance for us to more closely collaborate with the other Section leaders in our state and provide more value to your membership.

Speaking of membership, this will be the last reminder you get from me to renew your ASCE membership. If you have not renewed your membership, I encourage you to do so now. Memberships lapse at the end of February. To renew your membership visit

[www.asce.org](http://www.asce.org).

Whatever you do this year, I hope that you are successful and prosperous. I am looking forward to 2016 and hope to see you at one of the many ASCE Seattle events.

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**January Speaker Bio** (continued from page 2)

quake Engineering Research Institute, Washington State Emergency Management Division, Washington State Department of Ecology, King County Office of Emergency Management, NOAA, and USGS, among others. Dr. Miles received his Ph.D. in geography from University of Washington, where he studied the synergy between urban geography, geological hazards, disaster recovery, spatial simulation modeling, and collaborative process design. He received a post-graduate diploma from the University of Edinburgh in GIS, with a focus on environmental modeling. His MS in Civil and Environmental Engineering is from University of Massachusetts-Amherst, where he focused on geotechnical earthquake engineering and numerical methods. An undergraduate degree in the same field was received from Washington State University. Dr. Miles was a member of the U.S. Geological Survey Western Region Earthquake Hazards Team for six years, as well as a university instructor, research associate, and private consultant.

**January Meeting** (continued from page 1)

Urban Research Association) in collaboration with Degenkolb Engineers was the first of the three initiatives and is the point of comparison for this study. SPUR Resilient City sparked two state-level earthquake resilience initiatives conducted by the State of Washington Seismic Safety Committee and the Oregon Seismic Safety Policy Advisory Commission. The Resilient Washington State (RWS) final report and the Oregon Resilience Plan (ORP) were published in 2012 and 2013, respectively. Similar to SPUR's initiative, Degenkolb Engineers collaborated on both the RWS and ORP initiatives.

Between the three seismic resilience initiatives approximately 500 recommendations were put forward that might increase city- and state-level resilience to earthquakes. Implementation (and planning for implementation) of these recommendations is at different stages for each initiative. Only limited progress should be expected at this point given the multiplicity of recommendations, as well as the several decades-long implementation horizons for each initiative. At the same time it is critical to monitor their progress and impact. A clear outcome of these initiatives to date is an evolution of thinking on how to approach building seismic resilience capacity. The influence of these initiatives is certain to expand outside the original jurisdictions with the development of the National Institute of Standards and Technology's community resilience planning guide, which is patterned after the SPUR approach and the adaptations made for the RWS and ORP initiatives. The initiatives have created a professional network for discussing recovery-focused community resilience planning, as well as collegial inter-jurisdictional competition that should lead to innovation for resilience capacity building. Ultimately, it is hoped that this study engenders an informed discussion about seismic resilience capacity building initiatives, particularly across CREW's member states.

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## University Mentor Night—Help Needed

**Seattle Central College (SCC)**  
**Thursday, January 21, 6:00 to 8:00 pm**  
**Location: 1st floor Atrium of Science & Math**  
**Building, 1701 Broadway, Seattle**

If you are interested in being a mentor for a night for college students, the Puget Sound Engineering Council (PSEC) needs your help! The purpose of the mentor night activity has been to bring as many practicing engineers together with as many students as possible. We are trying to inspire the students, most of whom are freshmen and sophomores as well as high school seniors, toward a career in engineering. The mentor night allows engineers to relay their experience in the profession and answer questions posed by students. The

event will be kicked off with a brief introduction of the engineering disciplines represented by the volunteers followed by open forum where the students visit various tables and converse with the mentors. Mentors are encouraged to bring a sample of work that will fit on a 30" x 30" table top for potential discussion with the students.

If you are interested in participating in this event, please sign up online at:

[www.eventbrite.com/e/2016-seattle-central-college-engineering-mentor-night-tickets-19828296970](http://www.eventbrite.com/e/2016-seattle-central-college-engineering-mentor-night-tickets-19828296970)

Thank you for your support.

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## 2016 Richard Williamson Jones Scholarship

**By Stefanie Herzstein, PE, PTOE, M.ASCE, Seattle Section Immediate Past President**

The Seattle Section is seeking applicants for the Richard William Jones Memorial Scholarship. The Scholarship was established by his wife, Kathie, 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. The scholarship continues through Kathie Jones' estate.

Richard Jones was a civil engineer and a member of the Seattle Section of ASCE, when he died in an airplane crash at the age of 53. He was a graduate of the University of Washington and was admitted as a Member of the Society in 1949 and as a Fellow in 1959.

Mr. Jones joined General Construction Company in 1933 where he worked on many projects in the Seattle and Portland area, including the Bonneville Dam and as Chief Engineer on the Hungry Horse Dam. At the time of his death, he was Executive Vice President of General Construction Company.

The maximum scholarship amount distributed annually is \$2,000. The deadline for the next award is **February 29, 2016**. For more information please [read the application](#) or contact Stefanie Herzstein at [stefanie.herzstein@transpogroup.com](mailto:stefanie.herzstein@transpogroup.com) or 425-896-5219.

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## Register for Society of Women Engineers ABJ Regional Conference: Feb. 18–21

Registration is now open for SWE ABJ Regional Conference! The Society of Women Engineers (SWE) Regions A, B, and J are excited to announce a joint region conference on February 18–21, 2016, to be held in downtown Seattle. The conference will be hosted on the waterfront at the Bell Harbor International Conference Center. Join us as we *explore* what the world of engineering has to offer, *engage* women of all ages and backgrounds, and *empower* each other to take on new challenges and seek out our passions.

The Region ABJ 2016 Conference will begin on Thursday and Friday with tours and activities designed for participants to get to know the Seattle area and

participate in the local culture. On Saturday, conference participants will explore a wide range of presentation tracks from technical development to career exploration to inclusion and cultural awareness and much more. Corporate sponsors and partners will be on-site for networking opportunities and a career hiring event suited for all experience levels and career backgrounds. To close out the conference on Sunday after SWE region business meetings, Regions A, B, and J will host an outreach event to engage and encourage Seattle youth to explore what it means to be an engineer.

Visit [abjconference.swe.org/registration.html](http://abjconference.swe.org/registration.html) to register now! Early registration ends January 31.

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## Call for 2016–2017 Officer Nominations

By Stefanie Herzstein, PE, PTOE, M.ASCE, Seattle Section Immediate Past President

Have you been thinking about getting more involved in ASCE? Please consider joining the Seattle Section Board. We are a fun and energetic group that seeks to bring value to the ASCE Seattle Section membership.

The Seattle Section is seeking nominations for 2016–2017 Board positions. The election will be held in April/May 2016 and terms will begin in October 2016. Our open positions include:

**President Elect:** The term includes one-year each as President Elect, then President, and Immediate Past President (for a total of 3 years). The President Elect serves as President in the absence of the President and also serves as Membership Chair. The President Elect also attends and acts as the Section's Delegate to the Presidents and Governors Forum generally held in September at ASCE Headquarters and the Workshop for Section and Branch Leaders (WSBL) generally held in January or February. The President Elect also attends the Spring Region 8 Assembly, which is generally held immediately prior to the WSBL.

**Treasurer:** The Treasurer is responsible for handling the funds of the Section, insuring their secure and prudent use. In addition, the Treasurer is responsible for Section receipts, expenditures, investments in accordance with the Board approved budget, and filing Section taxes. The Treasurer serves as chair of the Budget Committee

and Board Contact to the Audit Committee. The term of office is 2 years.

**Director of Technical Committees:** This is a 3-year term with responsibilities including making recommendations to the President regarding members who may be willing to serve as chairs, providing training, guidance, and/or assistance to committee leaders, act as committee advocate to the Board, and encourage committee activities that will foster ASCE goals and enhance member activities. Examples of committees that the Director of Technical Committees oversees are Water Resources, Geotechnical Institute, SEAW, and more. Specific duties include preparing a monthly report, participating in monthly Board meetings, and working closely with various committee chairs.

If you are interested in being nominated, would like to nominate someone, or to learn more please contact [stefanie.herzstein@transpogroup.com](mailto:stefanie.herzstein@transpogroup.com) or 425-896-5219. The deadline for nominations is March 31, 2016.

I hope you will consider becoming actively involved in the Seattle Section because even a small amount of time can make a difference in what you and other members get out of ASCE. Member participation is key in continuing to bring you programs, training, community outreach opportunities, and more.

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## Call for Entries for LOCEAA Awards

By Stefanie Herzstein, PE, PTOE, M.ASCE, Seattle Section Immediate Past President

Did you complete an innovative project in 2015 that represents the best of civil engineering? Then apply for a Local Outstanding Civil Engineering Achievement (LOCEA) Award! The LOCEA Awards recognize projects that have improved the quality of life and contributed to the economic development of the local community, area, or region. These projects represent the successful combination of multiple engineering

objectives, including design innovation and excellence, environmental sustainability, cost effectiveness, the effective use of materials, and aesthetics. Each year, the Seattle Section recognizes the award winners at a formal presentation in June. For application information, see the flyer included in the newsletter and our website, [www.seattleasce.org](http://www.seattleasce.org). Applications are due March 11, 2016.

## Employment Notices

To post an employment notice in the newsletter and on the Section's web site, please contact the [newsletter editor](#) in advance of the monthly deadline (the 20th of the month). Rates for advertising are shown on page 2.



### King County

#### CAPITAL PROJECTS OVERSIGHT ANALYST

King County invites applications for the position of Capital Projects Oversight Analyst, with promotional opportunity to Manager.

King County is committed to equity and diversity in the workplace. In addition, the County is committed to recruiting and maintaining a quality workforce that shares our guiding principles: collaborative, service-oriented, results-focused, accountable, innovative, professional, and fair and just.

**OPENING DATE/TIME:** 12/18/2015

**CLOSING DATE/TIME:** 01/27/2016, 4:30 pm PST

**SALARY:** \$97,973 to 131,762 annually (2015 rates)

**WORK LOCATION:** King County Courthouse; 516 - 3rd Avenue, Downtown Seattle, WA.

**DIVISION:** Metropolitan King County Council, Auditor's Office

#### JOB NUMBER:

**JOB SUMMARY:** The Capital Projects Oversight Analyst is responsible for achieving the mission of the King County Auditor's Office Capital Projects Oversight Program (CPO). CPO provides focused oversight to promote accountability and improved performance of King County's capital program endeavors. A person in this highly responsible, senior-level analyst position plans and conducts complex, multidisciplinary oversight of the planning, project management, and performance measurement of county capital programs and project delivery. In collaboration with the CPO Manager, s/he plans and implements oversight methodology, and reports on findings. This may include coordinating contracts with technical experts. A person in this position must have the credibility

and capability to advise policy-makers and other public officials, and must be able to effectively handle highly sensitive situations. Within one year, the successful candidate must be able to apply performance audit standards through formal and on-the-job training. Please note: Due to anticipated vacancies and based on demonstrated performance and applicable expertise, the selected candidate may be considered for a promotion to Manager of the CPO Program within a year.

**WHO MAY APPLY:** This position is open to county employees and the general public.

**WHERE TO APPLY:** Apply through the King County Jobs website. If you have any questions regarding this position, please call 206-477-1036.

**FORMS AND MATERIALS REQUIRED:** Submit a King County application form, resume, and letter of interest detailing your background and describing how you meet or exceed the position requirements.

**SCHEDULE:** The workweek is normally Monday through Friday, 35 hours a week.

**CONDITIONS OF EMPLOYMENT:** This is an at-will position and is exempt from Career Service. Acceptable proof of identity and authorization to work in the United States are required by federal immigration law. King County is an equal opportunity employer. Full benefits are available including Public Employees Retirement System, health insurance, dental plan, vision plan, bus pass and other alternative transportation incentives, and deferred compensation plan.

**MINIMUM QUALIFICATIONS:** The position requires a Bachelor's degree in engineering, architecture, construction management, or related technical discipline, and/or significant experience in delivery of capital projects in a government environment. Master's degree, professional engineering, architecture license, and/or certification in construction management is preferred. Specifically required knowledge, skills, and abilities include:

- Knowledge of the services provided by King County and Washington State

public works contracting

- Best practice knowledge and experience with project planning, management, and construction
- Conducting complex quantitative and qualitative analysis, best practice research, and developing practical findings and recommendations for project managers and decision-makers to improve outcomes on capital projects
- Writing and reporting that effectively communicates information to decision-makers and the public
- Adaptation to diverse work styles, promoting teamwork, and facilitating group discussions
- Working on multiple complex projects and effective time management, with minimal levels of supervision
- Facilitating constructive working relationships with elected officials, executive branch staff, and other stakeholders in situations that may be sensitive, high risk, and publicly visible

**UNION MEMBERSHIP:** None.



#### Engineering Services Manager – Land Development

**SALARY:** \$7,462.00-\$9,751.00 Monthly

**OPENING DATE:** 12/30/15

**CLOSING DATE:** Continuous

#### POSITION SUMMARY:

Open until filled. First review of applications 1/19/16.

This position manages the operations of the Engineering Services--Land Develop-

See [Employment Notices](#) on page 7

**Employment Notices** (continued from page 6)

ment division, including supervising the division's employees, coordinating assigned activities with other departments and outside agencies, and providing highly responsible and technically complex staff assistance to the department director. The work performed requires a high level of technical proficiency in both civil engineering and land use administration as well as management, supervisory, and administrative skills.

**EXAMPLES OF JOB DUTIES:**

*Other duties may be assigned as needed.*

1. Manage services and activities of the Engineering Services Land Development Division including preliminary engineering review for private development projects, construction plan review, and construction inspection to ensure compliance with city regulations, design standards, policies and procedures.
2. Monitor and assist the plan review and permit issuance process; investigate and resolve complaints and inquiries.
3. Supervise division staff, including assigning tasks, reviewing employees' work processes and products, counseling employees, giving performance evaluations, and recommending disciplinary action.
4. Develop and manages the division's budget.
5. Develop short-and long-range plans for the division, including developing, recommending, and implementing new land development review systems, policies and procedures.
6. Develop recommendations or coordinate updates with affected departments on policies, plans and engineering standards pertaining to land development.
7. Oversee and authorize engineering approvals of road, water, sewer, and storm water engineering plans for land development applications.
8. Review transportation studies and analyzes concurrency issues and impacts associated with proposed developments, including identifying and recommending mitigation for develop-

ment impacts, and communicating and coordinating with property owners, citizens, city departments, and other agencies.

9. Review developer extension plans for city utilities and streets in accordance with city standards, requirements, and accepted engineering/construction practices.
10. Oversee the preparation and tracking of water and sewer connection applications and answers questions concerning fees to the public and the developers.
11. Oversee the maintenance and calculation of the city's fee recovery programs for water and sewer.
12. Review submitted costs of construction and calculate bond amounts for performance and maintenance.
13. Respond to inquiries or complaints from internal and external customers regarding engineering design and development standards, development permits and construction, subdivisions, variances and other land use regulations.
14. Represent the city at public meetings before the planning commission, hearing examiner, and/or the city council and public meetings on land development issues and applications; participates in technical review committees; and may represent the city on inter-agency committees dealing with land development issues.
15. Prepare a variety of written documents, such as correspondence, memoranda, city council agenda bills, and technical reports.

**QUALIFICATIONS:**

A combination of the experience, education, and training listed below which provides an equivalent background to perform the work of this position.

- Professional Engineer license is required.
- Bachelor of Science degree in civil engineering or a related engineering specialty.
- High School diploma or GED is required.
- Five years related professional experience.
- Two years of supervisory experience.

- Knowledge of the principles, practices and techniques of land use planning and development.
- Knowledge of the principles, practices and techniques of engineering related to land development and construction.
- Knowledge of federal, state, and local laws, design standards, and technical manuals related to land use planning, land development and construction.
- Principles and practices of management and supervision and municipal budgeting.
- Ability to apply advanced land use planning and civil engineering skills to the review of land development applications, engineering plans, and construction plans.
- Ability to read, interpret and apply engineering plans, specifications, contracts and other construction documents, and drafting procedures related to program area.
- Ability to effectively operate Windows based computer and related software applications including word processing, databases, spreadsheets, and other specialized software applications that support engineering services and land development activities.
- Ability to use a variety of modeling programs, such as transportation and surface water drainage, to perform engineering calculations and related analyses.
- Must possess, or have the ability to possess within one month of hire date, a Washington State driver's license.

**WORK ENVIRONMENT:**

The physical demands and characteristics of the work environment described here are representative of those occurring in the performance of the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the essential functions of this job, the employee is frequently required to stand; walk; sit; use hands to finger, reach with hands and arms, handle, or feel objects, tools, or controls; and talk or hear. The employee is occasionally required to stoop, kneel, crouch, or crawl.

*See Employment Notices on page 8*

**Employment Notices** (continued from page 7)

The employee must frequently lift up to 10 pounds; occasionally lift and/or move 10 to 20 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus.

Work is performed mostly in an office environment with some time spent at construction sites. At construction sites, the employee may be exposed to physical hazards such as moving traffic and heavy construction equipment. Indoors, the noise level is usually low; outdoors, the noise

level may be moderate to loud.

Attendance at some evening meetings is required. Regular and reliable attendance is an essential function of this position.

This position description generally describes the principle functions of the position and the level of knowledge and skills typically required. It does not constitute an employment agreement between the employer and employee, and it is subject to change as the needs of the employer and the requirements of the job change.

The City of Marysville is an Equal Opportunity Employer. Qualified applicants are considered for employment without regard to race, creed, color, sex, national origin,

age, marital status, sexual orientation, or the presence of a non-job-related medical condition or disability.

**Posted in-house: 12/31/15-1/7/16.**

**APPLICATIONS MAY BE FILED ONLINE AT:**

Job #00164 ENGINEERING SERVICES  
MANAGER-LAND DEVELOPMENT MK  
<http://marysvillewa.gov>

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## ASCE Seattle Section Executive Board Minutes for November 18, 2015 Meeting

### Attendees:

Courtney Davis  
Kelli Dean  
John Gaffney  
Gene Gladden  
Lisa Harbert  
Stefanie Herzstein  
Ed Huston  
Tony Nguyen  
Evan Sheesley  
Amanda Schweickert

Meeting called to order at 12:04pm by Evan. MOTION to approve agenda by Lisa and seconded by Kelli. Passed unanimously.

MOTION to approve meeting minutes for October by Courtney and seconded by Lisa. Passed unanimously.

### Old Business

#### Treasurer Reports Status – Gene

- June/September approvals. Fix error in opening amount. Next month for approval.
- October Report: Kelli made motion, Lisa seconded. Passed unanimously.

#### Immunity from Liability Coverage – Stef

- Legislative committee might be able to take it on.
- Soliciting comments on draft.
- Potentially ask Shane Binder to take on this task.
- Follow up with Paul Brailer about the draft.
- Board members should look at the draft.

### New Business

#### Membership Chair Report – Kelli

- Based on these new membership information from the ASCE national database, downloaded on November 06, 2015; 33 new members have enrolled with the Seattle Section since September 01, 2015. Of these new members 13 joined in September and 16 members joined in October and 3 new members joined in November.
- As of November 06, 2015, the Seattle Section and Branches have 2,477 members; no change from last month. There are 62 more than the same time a year ago.
- The membership database received from ASCE headquarters was found to have 46 duplicate this month.

The numbers provided in this report do not include the duplicate entries.

### Standing Committees Report and Action Items – Amanda Schweickert

- **Audit Committee – VACANT**
  - Vacant
- **ASCE/SEAW Lifeline & Earthquake Engineering Committee – VACANT**
  - Vacant
- **Legislative Committee – Shane Binder**
  - Contacted by a member to look into RCW 18.43, defining the practice of engineering, requirement of stamping by PEs
  - Action Items
    - AELC back dues owed by ASCE
- **Diversity Committee – Diana Giraldo/Jacyln Hayden**
  - No Update
- **History and Heritage – Cindy Hirsch**
  - Selecting a date for the next History & Heritage Committee meeting. Sometime in the next couple of weeks.
  - Resuming work on Landmark Brochure
  - Looking at a new possible historic landmark
  - Action Items
    - Reminder to gather archiveable materials from the 2014-2015 year from the treasurer, secretary, past President, and YMF
    - Been in communication with Tony Nguyen about archiving
- **House and Hospitality – Don Nguyen/Katie Sultan-Wright**
  - Looking for a place to store documents. Can they store the documents on ASCE Board's higher logic?
- **Order of the Engineer – Amy Riley**
  - No Update
- **Professional Practice – Ed Huston**
  - No Updates
- **Program Chair – Younes Nouri**
  - No Updates
- **RH Thomson Scholarship – Emily Spahn/Casey Nelson/Lorelei Williams**
  - No Updates
- **Public Information – Rachel Blomker**
  - No Updates

See **November Minutes** on page 10

- **PSEC – Paul Grant**
  - Past Activities
    - Seattle Pacific University Engineering Mentor Night – October 27th – 120 student and 32 mentors where at least 5 mentors were ASCE members
  - Planned Activities
    - Engineer of the Year Award Nominations – Ad Hoc committee and YMF committee responsible for developing recommended candidates by 11/28
- **University Advisory Committee – Amy Riley**
  - No Update
- **Washington State Board of Registration Representative – VACANT**
  - Vacant
- **EWB-USA Puget Sound Professionals (PSP) Chapter – Eset Alemu**
  - Action Item
    - \$1000 donation to EWB-PSP from ASCE
      - **To donate with a check:**
      - Check should be made out to EWB-USA
      - In the memo line, please note that funds are for the "Puget Sound Professional Partners chapter – Uganda Project".
      - Please include your phone number and/or e-mail address in case we need to contact you for further clarification.
      - Please mail your check to:
        - EWB-USA
        - (ATTN: Puget Sound Professional Partners chapter)
        - 1031 33rd Street, Suite 210
        - Denver, Colorado 80205
- **Community Service – Kristina Lowthian**
  - We had six younger members pull ivy and remove trash from the Heron Rookery on October 17th.
  - Next event:
    - Saturday, November 14th, 2015
    - 9:00am-12:00pm
    - @ Jimi Hendrix Park
    - 2400 South Massachusetts Street
    - Seattle, WA 98144
  - Join the Friends of Jimi Hendrix Park for a rain garden planting party! Volunteers will help plant rain garden beds. Please bring your own gloves. Contact Kristina Lowthian at nalani83@gmail.com.

- **K-12 Outreach – Eset Alemu and Vacant**
  - K-12 activities have not been hosted this fall.
  - Sent out a call for volunteers for a PSEC event at Seattle Pacific University but had no responses. Doubt there will be a lot happening between now and the New Year. K-12 will ramp up in the next year.
- **Additional Action Items Discussed at Board Meeting**
  - Advertise Jones Scholarship. Announce at next dinner and in newsletter.

#### Branch Report and Action Items – Amanda Shellenberger (absent)

- **North Branch (by John Gaffney)**
  - John Gaffney is moving out of state so is resigning from his post as president. Will provide transition information when available.
- **Kitsap Branch (by David Dinkuhn and Shylo Shorthouse)**
  - David Dinkuhn is resigning from his post as president, and Shylo Shorthouse has volunteered to step up!
  - She is working on getting a meeting set up for January 2015. Evan, David, Shylo, and Amanda had a coordination call to get Shylo up to speed on things.
- **Boeing Branch**
  - Action Item: Amanda Shellenberger to work on trying to get into contact with Boeing ASCE representatives.

#### Technical Committees Report and Action Items – Lisa

- **Water Resources**
  - Last month we cancelled our meeting because our speaker cancelled about a week before the talk, as Scott wrote last month. We lined up a second speaker that ended up cancelling again, and so we decided it was too late to try to line up another speaker and cancelled.
  - This month, this Thursday we're having David Montgomery from UW talk about his new book released Thursday. It's called The Hidden Half of Nature. It's in Seattle at Brown and Caldwell offices ([http://www.seattleasce.org/Events\\_detailed.php#nov19](http://www.seattleasce.org/Events_detailed.php#nov19)).
- **Geotechnical Group**
  - ASCE Seattle Section Geotechnical Group held a dinner meeting on October 29th, 2015. The topic was "Dynamic Soil-Structure Interaction Analysis

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for Base-Isolation Design of the SR520 West Approach Bridge – North”, presented by Jeremy Butkovich, and 40 people attended.

- I attended the Scholar-Donor Luncheon at the UW on November 10th in recognition of the Geotechnical Group’s continued support of the Robert Holtz Fellowship.
- Our November dinner meeting will be on November 19th, and the topic is “Getting to the Fun Part: Client-Focused Contract Negotiations” by Rick Smith, PE, - McMillen Jacobs Associates.
- **COPRI Seattle Chapter**
  - October 24th Meeting – Well attended with 32 attendees.
  - November 19th Meeting – Joint meeting with ASCE Seattle Section. Here are speaker and program details.

ASCE COPRI Seattle Chapter Monthly Dinner Meeting - Nov 19, 2015

Topic: Introduction of New ASCE Manual of Practice (MOP), Mooring of Ships to Piers and Wharves

The new manual of practice for mooring of ships to piers and wharves will be introduced at the November ASCE/COPRI meeting. ASCE Mooring analysis task committee has put forth an effort for over 12 years to publish this manual to provide general guidance to determine forces acting upon waterfront facilities due to berthed vessels and to provide background to safe and efficient fixed mooring design practice. The ultimate goal is to provide vessels with a "safe berth" with adequate and sound mooring structures and arrangements.

Speaker: Willy Ahn, Senior Engineer, Reid Middleton. Dr. Ahn is a senior engineer specializing in waterfront and port engineering. Willy's waterfront experience includes commercial/ industrial marine and port facilities, marinas, NAVY facilities, and ferry terminals. He has been project manager on numerous waterfront projects and marine structural engineer providing durable and cost-effective designs of various waterfront facilities for over 24 years. He has been serving in the ASCE/COPRI mooring analysis task committee for many years. He published over 30 papers in journals, book chapters, and conference proceedings in the area of water-

front engineering and received several awards for his outstanding performance

- Committee is working organizing a special event for December outside of the typical meeting schedule. More details to come in the later part of November.
- **SEAW Seattle Chapter**
  - Status of Seattle Foundations Seminar
    - The spring topic selected was Difficult and Unusual Foundation Designs in Washington State.
  - Membership
    - The Seattle Chapter continues to grow. We have added 22 new members in September and October. Total membership is approaching 700.
  - SEFW Fall Forum
    - The 2015 SEFW Fall Forum “World Trade Center: Then & Now,” presented by Ahmad Rahimian, PhD., P.E., S.E., was held on November 10th at Benaroya Hall. The Forums are non-technical presentations meant to encourage students to enter civil and structural engineering and to inform the public of the importance of engineering and what engineers do.
  - SEI Local Activities Division Annual Leadership Meeting
    - The Seattle Section was represented by Ignasius Seilie, vice chair of the Seattle Local Technical Committee. The meeting was in South Carolina and included local technical committee reports, a leadership presentation and a tour of a wind tunnel.
  - Refresher Course Update
    - The new chair of the SEAW Refresher Course is Mark Whiteley.
  - Executive Director and Treasurer Transition
    - Lynnell Brunswig, the SEAW administrator for the last 30 plus years is retiring. There will be an evening reception for her on Friday to recognize her outstanding service.
  - Symposium on Nepal Earthquake ATC-20 Evaluations:
    - A briefing of the 2015 Nepalese Earthquakes will be held on December 14th at Piggott Auditorium on the Seattle University campus from 4:00 p.m. to 7:00 p.m. Parking and light refreshments will be provided.
  - Facebook contributions:
    - SEAW needs engineers to express their thoughts and submit pictures to the Facebook page to

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keep the ball rolling. People will read and "like" compelling information on Facebook, giving SEAW greater exposure.

### • Additional Action Items Discussed at Board Meeting

- Ed Huston requests on behalf of SEAW to have the Symposium on Nepal Earthquake ATC-20 Evaluations put in the next ASCE newsletter and announce at next dinner. The event is on December 14th in Piggot Auditorium at Seattle University. ASCE Seattle Section Members would get same SEAW Member rate for the event.
- Put in formal request for Rebuilding America.
- Facebook as a forum to communicate between the Section and members. Need to find someone who would want to update that. Courtney brought up the idea of potentially posting to YMF Facebook. Send to Inna, YMF Secretary, and Jared, YMF President-Elect, and events/news that needs posting. Technical committees events could be on the YMF Facebook as well.

### YMF Report and Action Items – Courtney

#### • Past Events

- September 28 – December 18 – ASCE Soccer Team – Fall Season [9 YMs]
  - Games are on Wednesday evenings at various fields around Seattle. All experience levels are welcome to join.
- October 2015 – Popsicle Stick Bridge School Calls [5 ? YMs]
  - Multiple schools have requested a presentation from the YMF for PSB. These are on-going and by request.
- October 2 – PSB Volunteer Meeting 1 [7 YMs]
  - The PSB subcommittee members met at Yard House in Seattle to stuff sponsorship letters to mail out as well to meet face to face. Roles were given out to those just joining.
- October 12 – Eastside Networking [12 attendees]
  - Eastside Networking events continue to draw new faces and good turnouts. Looking forward to continuing good turnouts for future events.
- October 20 – Seattle Networking [18 attendees]
  - We had a great turnout of both new faces and returning younger members at The Lost Pelican in Belltown. The gathering was a networking and New Orleans/creole inspired happy hour success!
- October 15 – SR520 Floating Bridge Tour [18 YMs]
  - Up-close look at construction of the new SR 520

floating bridge on Lake Washington. In addition to learning about the efforts to replace the floating bridge, visitors were treated to a tour led by SR 520 project engineers, on the new bridge in the current construction zone. Construction began in early 2012 and the new bridge now extends more than a mile from the Medina shoreline.

- October 17 – Heron Rookery Community Service Event [XX YMs]
  - Joined the Green Redmond Partnership at Redmond's Heron Rookery for a maintenance party to remove invasive ivy and trash.
- October 15 – JFS Mock Interviews Volunteer Event [XX YMs]
  - JFS Seattle was seeking volunteers to help foreign educated engineers integrate into professional fields. One of the most important steps to getting a job in any field is, of course, an interview. YMs helped mentor and provide feedback for the participants.
- October 27 – Mentor Night SPU [XX YMs]
  - The Puget Sound Engineering Council (PSEC) hosted a Mentor Night at Seattle Pacific University. This event provided students with an opportunity to meet representatives from a wide spectrum of practices in the profession of engineering. It helped students interact with professional engineers, learn about different fields in civil engineering, and explore internship and employment opportunities. Mentor Nights are intended to be one-on-one affairs and ongoing mentoring relationship is encouraged.

#### • Upcoming Events

- November 5 – UW Resume Review Night
- November 7 – YMF Leadership Event @ Ninja Escape with lunch afterwards
- November 5 & 19 – Lake Stevens HS ASCE Civil Engineering Club
- November 8th-11th - Emerging Leaders Alliance
- November 9 – Networking & Officer's Meeting (Eastside)
- November 14 – Community Service Event – Jimi Hendrix Park
- November 16 & 17 – Dream Big Symposium
- November 19 - Networking (Seattle)
- December XX – Supercharge your Career Series
- December 14 – YMF Christmas Party & Toys for Tots
- January 22-24 – WRYMC 2016 Anchorage

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- February 6 – Popsicle Stick Bridge Competition 2015
- Committee Activities
  - On-going soccer league
- Action Items
  - Distribute Invitation to Christmas Party
  - Set up Meeting with K-12 Outreach Committee to discuss knowledge share from Dream Big Symposium
  - Set up Softball Tournament in the Spring with University, Sections and Technical Groups
- Additional Action Items Discussed at Board Meeting
  - YMF requests Section to help out with Dream Big as part of E-Week.
  - Announce YMF Holiday Party at next dinner meeting.

**Other New Business**

- Connecting with Washington Sections – Evan
  - Jim O'Brian Invitation: He helps with high level brain storming sessions. Coordinate with other sections, especially on legislative issue.
    - Will reach out to Jim O'Brien

- Talk to Oregon Section about how they are organized as a Section.

- Vacant Positions – Evan
  - Audit, Lifeline, WA Board Reg Rep
    - Particularly the audit committee. Kelli will look more into that.

**Miscellaneous**

- Popsicle Stick Bridge
  - The YMF Popsicle stick bridge competition is currently looking for sponsorship from companies for the 2016 event in February. Please consider talking to your company about sponsoring this event, which is run solely by volunteers and funded by sponsorship. For more information and for the sponsorship form, please see the Seattle YMF webpage.

Next Board Meeting will be on December 8th.

Next Membership Meeting will be on December 16th.

Meeting called to a close at 1:05 pm.

**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**

## 2015/2016 Fall/Winter Continuing Education Seminars and Workshops for ASCE Region 8

The following seminars and workshops have been produced by ASCE's Continuing Education Department with ASCE members in mind.

| Program                                                                                                         | Dates                | Location       |
|-----------------------------------------------------------------------------------------------------------------|----------------------|----------------|
| Design of Lateral Force-Resisting Systems Using the 2015 International Building Code – NEWLY UPDATED            | January 21-22, 2016  | Seattle, WA    |
| Design of Foundations for Dynamic Loads                                                                         | January 27-29, 2016  | Scottsdale, AZ |
| Dam Breach Analysis Using HEC-RAS                                                                               | February 3-5, 2016   | Las Vegas, NV  |
| Streambank Stabilization for Restoration and Flood Control Projects                                             | February 10-12, 2016 | Seattle, WA    |
| Structural-Vibration Analysis: Design and Troubleshooting                                                       | February 24-26, 2016 | Las Vegas, NV  |
| Structural Design for Bomb Blast Loads and Accidental Chemical Explosions (Buildings and Industrial Facilities) | March 2-4, 2016      | Las Vegas, NV  |
| Water Hammer in Transmission and Distribution Systems                                                           | March 10-11, 2016    | Seattle, WA    |
| Aluminum Structural Design with the 2015 Aluminum Design Manual – NEWLY UPDATED                                 | March 17-18, 2016    | Scottsdale, AZ |
| Design of Concrete Pavements                                                                                    | March 17-18, 2016    | Portland, OR   |

### New Member Report

Based on the new membership information from the ASCE national database, the following members enrolled to the Seattle Section in the Fall Quarter.

|                                    |                                         |                                   |
|------------------------------------|-----------------------------------------|-----------------------------------|
| Matthew Reed                       | Bob L Copeland, C.Eng, M.ASCE           | Yanhua Jin, S.M.ASCE              |
| Rae Bennett, Aff.M.ASCE            | Nicholas Millman, EIT, A.M.ASCE         | Larissa Ann Grundell, S.M.ASCE    |
| Brian Kemper, Aff.M.ASCE           | Jorge Esparza, Jr., S.M.ASCE            | Scott Palmer, P.E., M.ASCE        |
| Erik Finley, M.ASCE                | Xiaodong Chen, S.M.ASCE                 | John Pryor, S.M.ASCE              |
| Robert Bean, P.E., Aff.M.ASCE      | Bailey Alexander, S.M.ASCE              | Steven Ashe, S.M.ASCE             |
| Brian Patton, P.E., M.ASCE         | Thomas Richard Parker, EIT,<br>A.M.ASCE | Steven Lee Ruzicka, S.M.ASCE      |
| Steven Vertner, P.E., S.E., M.ASCE | Nicholas Robert Welling, S.M.ASCE       | Johnsen Hartoyo Kosman, S.M.ASCE  |
| Paul Nicholas, A.M.ASCE            | Patricia Elena Filimon, S.M.ASCE        | Nicole Campbell, A.M.ASCE         |
| Jason Sved, EIT, A.M.ASCE          | Shelley L Dewys, P.E., M.ASCE           | Valeria Zamano, S.M.ASCE          |
| Nara Almeida, S.M.ASCE             | Russell Larsen, Aff.M.ASCE              | Alyssa Marie Fink, S.M.ASCE       |
| Austin Ng, S.M.ASCE                | Charles Christopher, S.M.ASCE           | Michael Hiram Miller II, S.M.ASCE |
| Loic Galisson, Aff.M.ASCE          | Chaitanya Chandrashekhar,<br>S.M.ASCE   | Jeffrey Scott Bruce, Aff.M.ASCE   |
| Jared Weaver, S.M.ASCE             | Spencer Johnson Anderson,<br>S.M.ASCE   | Izaak John Fox P.E., M.ASCE       |
| Erik Dolmseth, A.M.ASCE            | Zhe He, S.M.ASCE                        | Zach Taylor Raymond-Becker, EIT   |
| Andrew Schuenemann, P.E., M.ASCE   | Elizabeth Guilford, S.M.ASCE            | Stephanie Vincent, A.M.ASCE       |
| Emily Follansbee, S.M.ASCE         |                                         | Makayla Marie Bowdish, S.M.ASCE   |
| Julie Anne Chappel, Aff.M.ASCE     |                                         | Connor Miller, S.M.ASCE           |
| Dan Moehrke, Aff.M.ASCE            |                                         |                                   |

# CALL FOR ENTRIES

## 2016

### ASCE Seattle Section Local Outstanding Civil Engineering Achievement Awards Program

*Entries are due by*

**March 11, 2016**

*Application and rules are  
available at*

***[www.seattleasce.org](http://www.seattleasce.org)***

**2015 LOCEA Award Winners** – South Park Bridge Replacement Project, Seahurst Park Phase II Ecosystem Restoration Project, Green River Filtration Facility, 25th Street Bike and Pedestrian Improvements Project, and Northshore Summit Park Design and Construction



## Your Project Deserves Recognition!

Did you complete an innovative project in 2015? Be sure to apply for a *Local Outstanding Civil Engineering Achievement (LOCEA) Award!*

Don't miss this opportunity to gain recognition for you, your organization, and clients. The application process is easy!

Winners receive important benefits, including:

- ✓ A presentation about your project at the June ASCE Seattle Section meeting.
- ✓ Award plaques for your organization and client.
- ✓ A feature page in the ASCE Seattle Section newsletter, which reaches over 2000 civil engineers in the Puget Sound area.

- ✓ Recognition on the ASCE Seattle Section website.
- ✓ A feature article in the *Daily Journal of Commerce*.
- ✓ A prestigious recognition on your resume.

Entries are due **March 11, 2016**.  
Applications and rules are available at [www.seattleasce.org](http://www.seattleasce.org).

