FROM THE BOARD: Changes Coming to SEAW

Your Seattle Chapter Board of Directors is charged with “governing the affairs of the Chapter.” Over the years a remarkable number of Seattle engineers have volunteered their time to serve on the board, and for the last few years it’s been my turn. It has been a unique privilege that I have thoroughly enjoyed.

Your board is very in tune with the needs of the Chapter’s membership and is continually looking for ways to make SEAW more meaningful and responsive to every member’s needs. Earlier this year the board set out to look closely at how SEAW is performing in some very specific areas:

1. Are our working code committees properly organized to allow for leadership transition at the chairperson position? Can we provide a seamless transition from our current leadership to the next generation? Can we sustain our current national presence?

2. Do we have good communication with other local and national engineering organizations (ASCE, NCSEA, Northwest Council and PSEC for example) and are we supporting our engineers that volunteer their time to these organizations so that we are assured of continued good standing and influence on national issues?

3. Can we have better communication with the other three chapters of SEAW so that there is mutual benefit between all of the state’s structural engineers?

4. Is the Seattle Chapter board properly organized to be able to fulfill its mandate?

5. Do SEAW members have an adequate voice in the running of our Chapter?

6. Is our process of officer and board member nomination efficient and do we provide adequate orientation of new board members?

These questions have prompted significant action by your board. President Pete Opsahl has led the charge in regards to committee leadership; your Director Cheryl Burwell is organizing a “Membership Committee” to look at specific issues related to all aspects of chapter membership; and I have organized a “Governance Committee” to look into the issues of board organization, our bylaws and our relationship with other chapters. In writing this FROM THE BOARD article I am hoping to acquaint you with the issues of governance your board is currently discussing and let you know what action might result.

The board, with the support of non-board committee members, is looking at a range of issues and proposed changes in our association’s organization. The changes that are likely to result will vary, from operational changes the board is authorized to make within the framework of our bylaws, to significant changes that will require rewriting of the bylaws. Revisions to our bylaws require a two-thirds vote for approval by the eligible membership—and the board is planning to roll out a sequence of bylaw changes starting in January 2010. Please bear in mind that these changes are a work in progress and that the exact wording of changes has not been determined.

Our relationship with the state organization and other chapters of SEAW

Lynnell Brunswig (our association’s administrator and the glue that holds SEAW together)
FROM THE BOARD, cont’d

(Continued from page 1)

did a bit of research about the history of SEAW. SEAW was originally founded as a single entity in 1950. Three years later, in 1953, the members decided it made sense to split the organization into two separate chapters—one in Spokane and the other in Seattle. At the time there were 67 members in Seattle and 20 in Spokane. The membership kept the state organization to act as an umbrella over the chapters and planned for the leadership of the two chapters to meet at least three times a year to discuss matters of interest to the entire state.

The organizational structure of individual chapters drawn together under a single state organization remains today. The Southwest Chapter (Tacoma/Olympia) was formed in 1965 and the South Central Chapter (Tri-Cities) was formed in 1995. The State Board of Trustees continues to meet three times a year, and they concern themselves with the types of issues you might expect: funding of state committees, awards, SEAW’s relationship with other national organizations and the overall financial management of the umbrella organization.

The SEAW Seattle Chapter Equilibrium is published monthly from September through May and is available online at www.seaw.org.

Articles, letters, and announcements are accepted by e-mail to seaw@seaw.org.

Advertising rates [prepaid]
Help Wanted/Job wanted, max 200 words, $65; Display ads: Quarter page, $115; Half Page, $150; Full Page $190. 10% discount for ads running two or more months. Deadline is the fourth Friday of the month. Contact SEAW for an advertising order form.

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Membership Growth in SEAW 1980—Present

You can see from the chart above that membership in SEAW has grown in the past 60 years—our total membership state-wide is well over 900! This ten-fold increase in membership since 1950, plus the mind-boggling changes in technology, are strong arguments for a renewed look at our organization’s structure.

It is interesting to look at the distribution of membership between chapters. The pie chart above shows the numbers of total members in each chapter. Seattle remains the dominant chapter with over 70% of the statewide membership.

Each of the other three chapters delivers important resources to their members, and it is very important for the Seattle Chapter to respect the other chapters’ independence. However, I feel very strongly that as the largest chapter in the state, we have the responsibility to consider every SEAW member in our state, not just Seattle engineers, when it comes to opportunities and program delivery.

For example, the Seattle Chapter board regularly monitors the activities of both Seattle Chapter committees and state-funded committees. This makes sense because in most cases the bulk of the committee work occurs in Seattle. We need to be constantly thinking about how engineers who live and work in Pasco can get involved in the important committee work going on here in Seattle. Not only would joining a committee benefit their professional development, but it would also expand the resources available to the committee.

Another example of the benefit of closer cooperation with other chapters is Seattle Chapter’s Refresher Course. Even though this is a Seattle-based activity it makes sense that we would somehow make it available to members in Spokane—and it would certainly benefit the Refresher Course Committee if someone from Spokane would volunteer to teach part of the course.

I met with Andrea Hougen (Spokane President) and Duke Turner (Spokane VP) last month to talk about their chapter’s activities and to get their take on Spokane’s relationship with the Seattle Chapter. Andrea made it very clear that Spokane engineers need a close relationship with Seattle’s organization simply because they don’t have the number of members needed to sustain meaningful committees in all of the different aspects of our complex profession. We talked about how easy it is today to connect over long distances and how, in her words, “this can only be an enhancement” for Spokane members.

In order to respond to the need for greater direct contact with other chapters, the Governance Committee made a number of recommendations to the board:

• Reach out to the other chapter leadership to confirm an interest in closer cooperation
• Consider creating board positions on the Seattle Chapter board for delegates from the other three chapters
• Coordinate the timing of our board meetings with

(Continued on page 3)
FROM THE BOARD, cont’d

(Continued from page 2)

the state Board of Trustees so that other chapter delegates can attend both the state and the Seattle Chapter board meetings with a single trip

• Provide for electronic participation via conference call or video conferencing on months when there are no state board meetings so that the Seattle Chapter board has ongoing and direct input from the other chapters

The process of reaching out to the other chapters has started and the reception has been enthusiastic—so expect to see greater cooperation between chapters in the coming months!

Make Seattle Chapter more meaningful for all licensed engineers

If you are a member of the Seattle Chapter of SEAW and hold a P.E. license in our state, you are allowed to practice structural engineering for all except “significant” structures. If you review RCW 18.43 you will find you can practice structural engineering for all sorts of buildings less than 100 feet tall with just your P.E. stamp.

A growing number of Western US SEA’s allow P.E. members to vote on association business and hold non-officer positions. In the Spokane chapter all rights of membership extend to P.E.s except for the right to hold the President and Vice President positions. In California non-S.E.s can vote and hold Director positions, and are only barred from holding state offices or chairing the major structural committees.

Ed Huston recently ended his NCSEA Presidency cycle and has had the benefit of working with SEA’s all over our country. Ed is the person who planted the seed for changing the rules to expand voting and board privileges to our P.E. members. You can expect to see an Editorial on this in January.

The Governance Committee has recommended to the Seattle Chapter board that the rules be changed to expand the rights of non-S.E. licensed engineers:

1. Allow Professional Associates (the 150+ P.E. members of the Chapter) to vote on association business along with MEMBERS (the 400+ S.E. members).
2. Allow Professional Associates to hold any office other than President and Vice President.
3. Change the name of Professional Associates (P.E. only) to “Member” and call those with S.E.s “Member S.E.s” to differentiate from “Members”.

This proposal has created a lot of excitement within the chapter board. This change would increase the number of members eligible to hold the position of Director within the chapter by 40%. Not only can SEAW tap into this resource for governing the chapter, but having non-S.E.s on the board will bring a new (and younger) perspective to the group.

In order to make these changes in the most transparent and deliberate fashion, the board voted in November to take the first step in getting member approval for these changes. Since we are considering sweeping changes to our bylaws, including the extension of voting privileges to P.E. members, the board wants to first settle this important first question before tackling the remaining issues, so that all members eligible to vote on the broader issues have the opportunity to participate.

Item 1 in the list above will be balloted by the current voting members of the Seattle Chapter (only the S.E.s) in January. If the ballot is approved, then item 2 will be voted on by the expanded voting membership (P.E.s and S.E.s) later in January or early February. Item 3 will take a change to the state bylaws so that will take a little more time.

Expand and reorganize the board

The Seattle Chapter has a lot of work on its current agenda, and many of the proposed changes will result in even more work. One way to accomplish the increased workload is to make better use of valuable board meeting time by organizing task groups within the board to work on issues separate from the monthly two-hour meetings. Unfortunately, with the current board structure the needed additional effort will seriously over-tax board members.

As far as I know, the current board structure has not changed since 1953 when we had 63 total members in the Seattle Chapter. In some respects the board is probably smaller than in 1953 because we no longer fill the position of Secretary on the board.

This is the current board composition:

• President
• Vice President (assumes President’s office in following year)
• Past President
• Treasurer
• Secretary (not filled)
• 4 Directors (each with 2-year terms)
• YMF delegate (non-voting)

If we have 100% attendance (a rarity) there are 8 board members at a meeting.

Another serious problem with the current bylaws is that a Director is not allowed to run for a second term. This has been a very self-limiting policy. Take for example my case: even though I had previous involvement with the SEAW board as a member (and so should have quickly gotten up to speed) it has taken me over a year to really get the hang of what the board is supposed to do, and in six more months I am off the board! It seems that SEAW should encourage longer board involvement of interested members to build up the institutional memory of the board. It would also be beneficial to have a continual recruitment and orientation program so that new Directors know what is expected of them and then are given the tools to be effective while on the board.

The Governance Committee discussed this issue and made recommendations that are being considered by the board:

• Allow non-S.E.s to hold the office of Director – this will immediately increase the pool of eligible candidates and it will diversify the board with a younger perspective.
• Allow Directors to hold consecutive terms and encourage board members to remain.
• Increase the number of Directors – currently we have four Directors and the idea is to increase the number to six.

I expect this issue will be discussed by the board during the December meeting and will be put to the membership for approval prior to the 2010 – 2011 nomination cycle.

Streamline the nomination process

The current nomination process is a hold-over from the days when we were a small club. Every January, at the monthly dinner meeting, the members are asked to make nominations from the floor for a Nominations Committee. That committee is then given until the end of the month to make its recommendations for all elected positions. This means the Nominations Committee has to organize itself and often make their recommendations within a week! This puts a severe strain on the process of vetting potential candidates and getting their agreement to run for office. The process of nominating board members and officers needs to be part of a continual process of recruitment and orientation.

The Governance Committee has made a number of recommendations to the board for consideration, including earlier...
Organization of the nomination committee to give them more time to make their recommendations. The Nomination Committee could be formed in November each year by the Chapter President, and the rules could still allow meaningful participation “from the floor” at the January meeting.

Last year the bylaws were changed to require only one Vice Presidential candidate instead of two. The board is discussing making a similar change for the Director position as well. If the Nomination Committee is diligent in doing its job, they should be able to identify the best possible slate of officers and Directors to serve on the chapter board without providing two candidates for each position. You can expect to see this change before the membership for a vote in early 2010 ahead of next year’s nomination cycle.

**Getting with the times!**

There are other recommendations from the Governance Committee that will make it easier for our membership to participate in an environmentally responsible way. Last year we changed to electronic delivery of our newsletter Equilibrium and we expect to take greater advantage of our website capability. You may expect to be able to vote electronically.

It was also thought that the contribution of non-licensed younger members should be nurtured and recognized. One way of accomplishing this is to make the YMF delegate on the board a voting member.

Scott Douglas has started a comprehensive look at all of our bylaws with the goal of making them work better to support our core mission. I talked with Ed Huston about our mission as an organization and he has agreed to facilitate a Strategic Planning session in 2010.

Article I of the state bylaws provides a comprehensive list of objectives. Although I expect that these haven’t changed much since first written in 1950 they remain pretty darn relevant today.

This Association is established for the following purposes:

(a) To assist in the establishment and maintenance of the highest standards of structural engineering to the end that the profession of structural engineering shall be so practiced in the State of Washington that the public, the members of the profession, and clients seeking professional structural engineering services shall have their best interest protected and advanced.

(b) To assist the public in obtaining dependable engineering services; to enlighten the public respecting the province of the Structural Engineer; and, to advance proper legislation and to oppose improper legislation affecting structural engineering practice that is detrimental to the safety, health, and welfare of the public.

(c) To advance the science of structural engineering and to encourage and foster engineering education in order that such science and education is relevant to the profession and in the best interests of the public it serves.

(d) To afford the public a reasonable assurance of the ability and integrity of its membership by requiring that those admitted shall have established and shall maintain a high professional reputation through adherence to a code of ethics for the guidance of the members of the structural engineering profession, and, by cultivating social contacts within its membership for better mutual understanding and by closer association to discourage unethical and detrimental practice.

(e) To secure uniformity of action among the individuals forming this Association upon the general principles herein set forth, and upon such policies as may be decided upon from time to time for the good of the profession.

**Notice of Vote on Proposed Bylaws Revisions**

As noted in this month’s “From the Board,” Seattle Chapter MEMBERS will be asked in January to vote on the following proposed changes to the chapter bylaws:

1. **Allow Professional Associate Members as defined by the current bylaws to vote on Chapter business including bylaw amendments.** These voting privileges are currently only held by MEMBERS (those with an SE).

2. **Allow for voting by bylaws amendments electronically or by mail at the board’s discretion.**

Exact wording of the proposed changes will be developed by the Chapter board at its December meeting and will be distributed with the ballots no sooner than 30 days from the posting of this newsletter.


**Thanks to the committee and my fellow board members**

Ed Huston is an engineer with the highest ideals – and a true inspiration to me. Ed works tirelessly for our profession. The other day he said something to me that was so simple, “I believe in SEAW, what it represents and what it does for our profession.” How cool is that? Thanks Ed, I’m going to borrow your words. I believe in SEAW. Yeah, it fits.

I would like to thank the Governance Committee, including fellow board members Pete Opsahl (President), Scott Douglas (Past President), Ted Smith (Treasurer), Cheryl Burwell (Director) and Jessica Jenness (YMF board delegate). Ed Huston is the one who inspired me to tinker with the bylaws and feels passionate about reaching everyone within our profession. Mark D’Amato has been called upon year after year to organize the Nomination Committee and his insight into the possibilities of change has been a huge help. Thanks to you all!

We have a pretty amazing Board of Directors and it has been a sincere pleasure working with them. I first got to know Pete Opsahl when I started my career at Skilling in the late 1980’s and it has been a lot of fun to serve on the board with him. Pete has some great ideas about making SEAW a more inclusive and enduring institution. Pete will be state President in 2010 – 2011 so he is going to have plenty of opportunity to leave his mark!

If any of you have comments about what the board is doing or the changes being considered please email me or give me a call—I’d like to hear what you have to say.

Howard Burton, P.E., S.E.  
HBurton@SeattleStructural.com  
Phone (206)343-3000
Meeting Recap

November Meeting Features YMF Sponsored University Student Presentations

By Jessica Jenness

The SEAW Seattle Chapter Dinner meeting for November focused on our younger members. The meeting was held at the Corinthian Yacht Club and featured presentations by students from the University of Washington and Seattle University.

The first two presentations were by Seattle University undergraduates; they presented information regarding their senior design projects. Alan Chun and Mark Santos are designing a storage building at Diablo Dam for Seattle City Light. They visited the existing building and determined potential sites for the new facility. Selection of the location, size, and building materials of the project must take into account factors such as cost, convenience, soil conditions, and environmental impact. Brian Olmsted and Dylan Parker’s project involves designing seven sluice gate walkways at Boundary Dam, also for Seattle City Light. The existing concrete walkways may have been overloaded and are showing cracks and noticeable deflection. The design solution will include a procedure for demolition of the current walkways and plans for the new walkways. Challenges of the project include a remote site, limited accessibility, and atypical hydraulic forces on the finished walkway. Both teams are in the first phase of their projects, writing proposals for review by Seattle City Light.

The presentations demonstrated how these projects introduce students to issues that they will regularly deal with in the real world, including budgeting, constructability, and managing client expectations.

The second two presentations were by University of Washington graduate students and focused on research projects that they are working on. Aaron Olson’s research has led to development of a rapid triage assessment procedure for existing bridge gusset plates. This research was prompted by the I-35 bridge collapse and is funded by FHWA and WSDOT. Finite element analysis of the failed I-35 gusset plate along with comparison to the FHWA’s analysis of the plate has led to a simplified, conservative procedure for checking other existing plates in a timely manner. This process will allow the WSDOT to quickly evaluate bridges and provide more detailed analysis of any plates which are flagged by the rapid triage analysis. Anna Birely presented on practical modeling of reinforced concrete beam-column joints. The goal of her research is to develop a way to accurately simulate the response of beam-column joints in a computationally efficient manner. Ongoing research involves nonlinear modeling of joints with both ductile and brittle failure and updating, or creating new.

(YMF Corner)

New YMF Technology Group

The Seattle Chapter Board has asked the YMF to put together a Technology Task Group. It has been a while since SEAW has evaluated technology improvements, and who better to tackle that project than younger members who are plugged-in?

The goals of the group will be focused on evaluating the existing use of technology, such as the website and newsletter, and brainstorming suggestions for improvements – finding ways to make things more user friendly and more effectively distribute information to our members.

At this point, we would like to find out if there are YMF members with an interest in participating in this group.

If you have an interest in participating in this process, please email jessicajenness@hotmail.com and include your name and email address.

Once we evaluate the level of interest, we’ll move forward with a plan of action and contact you with more information and a meeting time to get started.

Jessica Jenness, YMF Chair jessicajenness@hotmail.com

Upcoming YMF Happy Hours

Tuesday December 8, 5 PM
Spur Gastropub
113 Blanchard Street, Seattle

Tuesday January 12, 5 PM
Thoa’s
96 Union Street, Seattle

Wednesday November 11th, 5 PM
Daniel’s Broiler
10500 NE 8th Street, Bellevue

YMF Leadership

President
Jessica Jenness
jessicajenness@hotmail.com

Vice President
Dan Yeager
dyeager@dci-engineers.com

Outreach Representative:
Robyn Yang
ryang@dci-engineers.com

Social Representative:
Jerry Lee
jerryjlee@gmail.com

Created in 2007, the Younger Member Forum provides networking and social opportunities to SEAW members 35 and under, as well as new non-member engineers and students. All SEAW members are welcome to participate in YMF functions.
**News of Note**

**ICC Code Development Hearings**

By Peter Somers

As in the past, SEAW was very well represented at the ICC Code Development Hearings in Baltimore, MD from October 24 to November 11. The IBC Structural hearings, of primary interest to SEAW members, ran from October 24 to 27 and were attended by SEAW members Phil Brazil, John Hooper, Ed Huston, John Siu, and Peter Somers. In addition, John Loscheider served on the IBC Structural Committee.

What were to be fairly uneventful, mid-cycle hearings, quickly became a significant event when ICC revised the code development process last winter. Because of the compressed schedule, as of the end of the Baltimore hearings the 2012 IBC is essentially complete. (Yes, 2012, even though we continue to use the 2006 Edition until next summer).

This code cycle once again highlights SEAW’s significant involvement in the code development process, from the activities of SEAW committees to the work of SEAW members on national code development organizations. Without spending too much detail on the specific code changes, which won’t go into effect in Washington until 2013, it is worth noting some of the significant types of updates in which SEAW members have been involved.

The 2012 IBC will reference ASCE 7-10, which has two noteworthy revisions. First, the wind design provisions have been converted to LRFD level, which among other things helps bring consistency to the importance factors for wind. The SEAW Wind Committee and the NCSEA General Requirements Subcommittee, chaired by Ed Huston, played significant roles in these developments. The other major revision involves seismic design criteria. In addition to referencing the 2007 USGS maps with the latest and greatest earthquake science, ASCE 7-10 has converted to “risk targeted” earthquake hazard ground motions rather than uniform earthquake hazard ground motions. The design basis aims to provide a uniform risk of building collapse across the country, and is based on the 2009 NEHRP Provisions update effort by the ASCE 7 Seismic Committee, chaired by John Hooper. In practice for us, the changes won’t be too significant: still based on S5 and S1 factors from the USGS maps and the difference in seismic hazard averages only a few percentage points.

Also related to ASCE 7, Phil Brazil submitted literally dozens of change proposals in order to correlate the IBC to the ASCE 7 standard. While not glamorous work, these correlations are extremely important when the building code is read and enforced as a legal document. Phil deserves high praise for muddling through the minutiae of code language and diligently fixing inconsistencies and ambiguities.

On the existing building side, the SEAW Existing Building Committee, chaired by John Siu, submitted literally dozens of change proposals to the 2012 IBC. Overall, however, the overall goal is to create a knowledge community specific to Seattle?

The Seattle Revit Structure Organization (SEA-RSO) focuses exclusively on structural issues. Our goal is to create a knowledge community of Revit Structure users of all skill levels; this will be a place to share information and to seek and offer support with the common goal of advancing the practice of Revit Structure.

We hold monthly forums where members can meet to discuss Revit Structure topics and maybe exhibit their own projects. Longer-range goals include the creation of a central website that includes a calendar of events and an online forum. If interested,

Peter Somers, Senior Associate with Magnusson Klemencic Associates, has been a member of SEAW since 2001.

**Meeting Recap**

*(Continued from page 5)*

design standards for practical application.

The YMF-sponsored dinner meeting also featured a firm showcase that allowed students and younger members to talk to working structural engineers and get a better idea of the variety of careers available.

Generous thanks for the firms who participated: Redpoint Structures, CKC, Degenkolb Engineers, DCI Engineers, KPFF, and Coughlin Porter Lundeen.

Jessica Jenness is a Chair of SEAW’s Seattle Younger Member Forum. She has been an SEAW member since 2006 and may be contacted at jessicajenness@hotmail.com.

### Seattle Revit Group Forming

Have you ever wanted to be a part of a Revit Structure knowledge community specific to Seattle?

The Seattle Revit Structure Organization (SEA-RSO) focuses exclusively on structural issues. Our goal is to create a knowledge community of Revit Structure users of all skill levels; this will be a place to share information and to seek and offer support with the common goal of advancing the practice of Revit Structure.

We hold monthly forums where members can meet to discuss Revit Structure topics and maybe exhibit their own projects. Longer-range goals include the creation of a central website that includes a calendar of events and an online forum. If interested,

Our first meeting will be Wednesday, December 9, at noon in the 3 Union Square Conference Room on the 3rd Floor. Please email Irina Wong at iwong@degenkolb.com for more information.

Stay tuned for the January meeting date and topic! Please pass this along to other users who may be interested. Revit Structure users at all skill levels are welcome... no experience necessary.

Some recent publications have contained columnists expressing unfavorable opinions towards those in the code development process, and largely this may be the result of a few recent updates that have made the code more difficult to use (e.g. ACI 318 Appendix D or the ASCE 7 wind provisions). Overall, however, the code process works because of the volunteer efforts of structural engineers and committees. If there are things you don’t like in the code or standards [or if you are happy with everything] there is no better way to effect change than to become active in the various state and national committees. The overall goal of the SEAW code-related committees could be summarized as “helping engineers design better buildings,” and there is always room for more involvement among the SEAW membership. The 2015 IBC is right around the corner....
“BillQuick gives me a very simple, cost effective solution to time tracking and billing. I replaced a very non-graphical, expensive finance system with BillQuick.”

– Judy Ashley, Former Deltek User
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   Let BillQuick help you get up and running quickly with our built-in data conversion tools.

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Meetings, Seminars, Announcements

Masonry Design Webinar
The popular Structural Masonry Design Seminar developed by the Northwest Concrete Masonry Association will be presented as a webinar. The full seven-hour seminar will be presented over three sessions on Jan. 20, 25 and 27 from 4 - 6:30 pm Pacific Time.
The webinar will focus on the requirements of 2006 IBC Chapter 21 and the referenced material standard 2005 ACI 530/TMS 402/ASCE 5. Both working stress and strength design of reinforced masonry will be covered. Learn how to use and interpret the building code through masonry building element design examples.
Please plan to participate and save time and travel costs. Webinar participants can earn continuing education credit. You can register on-line at www.nwcma.org, or by calling the NWCMA office at 425.697.5298

Opportunities

Licensed SE
10+ years experience. Forensic engineering experience is a plus.
Ideal candidate possesses extensive knowledge of wood frame and concrete structures with experience in design and failure/damage analysis, condition assessments, building codes, construction best practice and design for commercial and residential buildings.
The candidate must be willing and able to roll up sleeves to perform hands-on investigations. Approximately half the time is spent on field investigations with the majority of the balance in the office writing reports & performing project coordination. Clients primarily include insurance companies, attorneys, property owners and property managers.
Arbitration and/or expert witness experience is a plus. Candidate must be willing to work in a dynamic and fast paced environment. Candidate must be able to accurately and efficiently communicate findings verbally and by written report.
Candidate must be able to work effectively with the insurance and legal communities. Some travel required, primarily within the state hired and occasionally throughout the US as needed.
Full benefits package including 401K/pension.
Submit resume to wwolfert@case4n6.com

Bridge Engineers
INCA Engineers, a Tetra Tech Company, is a professional consulting firm located in downtown Bellevue that provides high-end structural, mechanical, electrical, civil, transportation, and traffic engineering, as well as surveying and mapping throughout the United States. INCA works on unique and challenging projects that include:
- risk and reliability based assessment of bridges instead of common load factor rating design of a track bridge over an expansion joint on a floating bridge – first in the world
(Continued on page 8)

2010 Western Council SEA Roundup
Telus Whistler Conference Centre Whistler, BC
October 21—23, 2010

Preliminary Program:
Thursday October 21, 2010
10:00 AM - 12 PM - NWCSEA Council Meeting
1.45 - 4.45 PM - WCSEA Council Meeting
4.45 - 6.30 PM - Exhibitor Event
7.00 PM - 12.00 AM - Social Event

Friday October 22, 2010
9.00 AM - 4.45 PM - Annual Conference
(Structural Engineering Sessions)
6.30 PM - 12.00 AM - President’s Awards Gala

Saturday October 23, 2010
Social Activities

Notes: The highway between Vancouver and Whistler has been recently upgraded as part of the 2010 Olympic Games Transportation plan, making travel to-and-from Whistler safer and more convenient than previously. Passports are required for visitors from the US traveling to Canada.

Calendar

DECEMBER, 2009
No Chapter Dinner Meeting this month
HAPPY HOLIDAYS!
Tuesday 8 YMF Happy Hour 5:00 PM
Spur Gastropub, Seattle
Thursday 31 Unpaid Members dropped from rolls

JANUARY, 2010
MEMBERSHIP DUES INVOICED
Tuesday 12 YMF Happy Hour 5:00 PM
Thoa’s, Seattle
Wednesday 20 YMF Happy Hour 5:00 PM
Daniel's Broiler, Bellevue
Tuesday 26 Seattle Chapter Dinner Meeting
Location TBA
Friday 29 SEAW State Board of Trustees meets

FEBRUARY, 2010
Tuesday 2 YMF Happy Hour 5:00 PM
Black Bottle, Seattle
14th—20th Engineers Week
TBA PSEC Engineers Fair
TBA PSEC Awards Banquet
Wednesday 10 Dinner Meeting
ACI hosts Joint Dinner Meeting

Watch the SEAW website for Calendar updates!
Senior Structural Engineer for Waterfront Structures

KPFF’s Special Projects Division is seeking a full-time SENIOR STRUCTURAL ENGINEER.

Position Requirements:
- Minimum of 15 years of structural design experience
- Minimum of 5 years designing bridges or waterfront structures (must be recent experience)
- P.E. license, SE preferred
- BS in Civil/Architectural Engineering
- Fluent working knowledge of ASCE-7, AASHTO & MOTEMS
- Knowledge of UFC Standards for Mooring & Berthing of vessels
- Ability to technically manage projects and mentor junior staff
- Willingness to travel occasionally as projects are located both locally and nationally

KPFF’s Special Projects Division, located across the street from Pike Place Market in Seattle, WA, is a dynamic 40+ person group that provides project management, planning, civil & structural engineering, machinery design and construction management. We provide these services on a wide range of project types through all stages of development. Our project types include:
- Ports
- Industrial Developments
- Shipyards
- Cruise Terminals
- Small Boat Harbors
- Marinas

KPFF Consulting Engineers is an engineering firm with over 800 employees nationwide, headquartered in Seattle, Washington. We offer:
- Benefits
- Competitive salaries
- Performance based bonuses
- Flexible working hours
- Great work environment

If you are interested in this position, please submit your resume and a letter of interest to: emp@kpffspd.com.

Unpaid Dues

Our records show the following Seattle Chapter members’ dues are unpaid for 2009. In accordance with the chapter bylaws, members unpaid at the end of the year will be dropped from the membership.

Unpaid members have been emailed reminders throughout the year, and were sent a reminder letter by mail in September.

Members who have been dropped for non-payment are required to pay past dues plus a $15.00 reinstatement fee if they wish to rejoin the association.

Eric Anderson
Noel Baca
Michael Carney
Roi Chang
Edward Chin
Seth Cutler

Mark Dachille
Kenneth Dahl
Theresa Daniel
Richard Dethlefs
Todd Eaton
Andrew Eklund

Micah Florea
Robert Fossatti
Jennyfer Jacobson
Brandon Kotulka
Thomas Lee
Sze-Lyn Lim
Natalie Low
C Adam Ludwig
Annie Luu
Xian (Mark) Ma
Martin Maingot
Ajaya Malla
Benjamin McCann
Craig Owen
Erik Pearson
Jacqueline Putt
Ben Reilly

Clemens Rossell
Patrick Ryan
Don Scarberry
Andrew Schuenemann
Lori Shields
Samuel Sideras
Claudio Silva
Shellie Simmons
C Todd StGeorge
Kris Swanson
Gary Swenson
Robert Thompson
Dong Wang
Joshua Welch
John Lowell Young
Kurt Zimmers

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Membership

Membership Applications

Alan Chun
Seattle University
Class: Student

Andy Derrick
Visser Engineering Co. Inc
BS 1996 Utah State University
Licensed Structural, WA
Class: MEMBER

Brian Olmsted
Seattle University
Class: Student

Dylan Parker
Seattle University
Class: Student

Kevin Rothrock
Coffman Engineers, Inc
MS 1998 San Jose State
Licensed P.E., WA
Class: Professional Associate

Charles Voelker
Voelker Engineering
(reinstatement)
Licensed SE, WA
Class: MEMBER

Michael Weinert
University of Washington
Class: Student

Applications Accepted
Kyle Glen, Associate Member

SEAW Membership Dues

HAVE YOU PAID YOUR 2009 DUES?
Check Page 8 for a list of unpaid members
Members unpaid at the end of the year will be dropped!

1. Go to www.seaw.org
2. Log in to the member area (Default login name is your email address; password is your first name.
3. Click on “My Membership” in the menu bar
4. Select “Membership Renewal” in the gray menu bar to see if there is an outstanding invoice.
5. Select the invoice and Follow the prompts to pay your dues online using your VISA or Mastercard.
6. When your payment has been made, you will receive an automated receipt by email.

Forgot your Login Information? Simply click on “Forgot Password” under the Member sign in area and enter your email address. Your information will be emailed to you.