Current Issues in Professional Practice

Join us on Tuesday, February 22nd as we host the annual meeting with our colleagues at ACI.

Structural engineering is a wonderful profession. Seldom do we solve the same problem more than once. Seldom are our special skills and knowledge questioned, and we make a difference that we can see every day. Does it matter that our neighbors don’t understand what we do?

Structural engineering is special, but it is not natural. It is not inborn. It takes effort, education, and time with experience. One mistake can ruin a career of thousands of successes. Why do we do it?

We do it because it is fun and challenging—and we are good at it. But, we are not totally free to practice, as we want. In the real world society constrains practice in some very complex ways.

The SEAW Profession Practices Committee’s dinner session will share some of our recent discussion on the rules and regulations affecting our daily practice. We will discuss the definition of structural engineering practice, our responsibilities to clients and society, and dialogue about sealing and signing of documents.

Many structural engineers work for contractors during the construction of a project. There are always issues that occur during construction that require a structural engineer. We will be presenting information about how to hire a structural engineer, and will discuss the engineer’s professional constraints and responsibilities which are often misunderstood by those constructing the project.

We will discuss the role of the structural engineer at the job site, distinguishing between inspection and structural observation. This should assist in mitigating the often contentious communication between the structural engineer and the contractor.

We hope the session will be interactive and look forward to your participation.

Program Presenters:

- Professional Practice committee members Mike Bramhall, P.E., S.E., Case Forensics Corporation;
- Jim Coughlin, P.E., S.E., Coughlin Porter Lundeen, Inc.;
- Mark D’Amato, P.E., S.E., DCI Engineers, Inc;
- Adam Ludwig, P.E., S.E., Magnuson Klemencic Associates;
- Jon Siu, P.E., S.E., City of Seattle DPD;
- John Tawresey, P.E., S.E., KPFF Consulting Engineers

Meeting Information:

Date: Tuesday, February 22, 2011
Place: Best Western Executive Inn
200 Taylor Ave N, Seattle
Time: 5:30—6:30 PM Social Hour
6:30—7:15 PM Dinner
7:15—7:30 PM Welcome/Introduction
7:30—8:45 PM Program
Menu: Entree Choices: Chicken Diable or Mediterranean Pasta
Price: SEAW/ASCE Members $30.00
Non-members $35.00
Students/unemployed $15.00
Registration after 2/17, add $5.00

Reservations Required
Reservation deadline is 5 PM Thursday, Feb 17.
Register Online at www.seaw.org
Prepayment is Requested
Credit Cards accepted online only; not at the door.
No-shows and cancellations after the deadline will be subject to full charge.
As SEAW’s Seattle Chapter and State Treasurer for the last 15 years or so, my annual “Message from the Board” usually revolves around presenting the annual budget and suggesting that we all pay our dues promptly. This year’s budget is still being developed, so I’m going to discuss a few other topics this time.

At recent board meetings, as I look around the room, I’m shocked, SHOCKED I say, to see that I’m the oldest person in the room. It seems like yesterday that Arne Carson and Don Northey, the previous Treasurer, took me to lunch and asked if I’d be willing to serve as Treasurer. Since then I’ve watched a generation of engineers serving on the board, working on and chairing committees, presenting seminars, serving as officers of both the Seattle chapter and the state boards. Several members have also moved on to participate in national organizations, NCSEA, ASCE, SEI, ATC, NCEES, the whole alphabet soup. Dedicated engineers from SEAW serve the public and the profession in so many ways. We all know how important it is to have practicing structural engineers involved in development of codes and standards.

We also know the huge role SEAW seminars have played in keeping our code knowledge and design skills up to date. Oops, not so much the last couple years. We need to work a little more on that one. All the national organizations now have webinars whose advertisements clog our email inboxes every day. I personally find a lot more value in the locally produced SEAW seminars presented by our local peers. SEAW’s seminars typically make a variable amount of “net income” that helps keep our dues low. But they’re always a bargain compared to the national organizations’ seminars.

Like many of us, SEAW seems to be facing some challenges right now. We have some issues to deal with. We haven’t raised our dues for several years. We’re not broke yet, but the surplus balance is declining. Each year, since formation of NCSEA, the state SEAW has paid dues for each member to NCSEA. Our state dues are now $70 per member per year. The NCSEA dues per member are now being raised from $16 to $20, with a stated goal of reaching $25 per engineer. That impacts our budget. It’s time to start watching closely to see when we’re likely to need a bit more income. The Finance Committee is being expanded from one to perhaps 3 people to go through the budgets and report to the boards. SEAW prides itself on its relatively low dues and does not raise dues without a vote of the membership.

In some ways it seems like SEAW has been running the same way it has since the 1950s. But times have changed. Review of the Articles of Incorporation and bylaws shows that they may be unnecessarily wordy and complex and in some ways we may not comply with current laws and regulations. There have been little tweaks occasionally over the years, mainly to adjust the dues, but it’s time for a thorough review. It seems like a great time to simplify where possible. For instance, each chapter has its own bylaws. They’re different. Officially SEAW is one organization. State and federal taxes and reports have always been done as one organization. The chapters are dba names that apply to each specific area. It seems simpler to have one set of bylaws.

Chapters can set their own chapter dues, set their own number of board members and the like, but they don’t necessarily need a complete separate set of bylaws. Our chapter VP, Howard Burton, has been working like the Energizer bunny on this and other issues. I thank him and applaud his efforts.

As always in volunteer organizations, we all benefit, but most of the work is done by relatively few extremely dedicated individuals. But everyone needs to contribute. I urge those of you who aren’t so active to take a little step toward more participation. Pick a committee. Call the chair and see what opportunities are available. Go to meetings. You may mostly listen for the first few meetings, but you’ll learn a lot, and before you know it, you’ll be contributing. After a few years, you may chair the local committee and start representing SEAW at the national meetings. It’s a great way to develop professionally. There are current needs on the Wind Committee, Education Committee, Legislative Committee, and probably most of the others.

Another issue that’s been dragging on for years is the desire of some members for the organization to be a 501(c)(3) charitable organization. This would enable donations to the Scholarship Fund and the like to be fully tax deductible. The current board has taken action on this matter by directing creation of the Structural Engineers Foundation of Washington. This is another issue where Howard Burton took the lead and made it happen. Thanks Howard! The Foundation is now open for business, accepting donations, and will soon take over the Scholarship Fund. The foundation is now planning for its first public event. Watch for it!

Please pay your dues promptly! Thank you.

SEAW Treasurer Ted Smith is a Principal of Smith & Huston Inc. Ted has been a member of SEAW since 1976, and has served as Treasurer for sixteen years. He can be reached at smith@smithhustoninc.com

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**SEAW Member Stats as of January 31, 2011**

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<th>Seattle Chapter</th>
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<td>Total membership:</td>
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<td>921</td>
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<td>Dues paying members:</td>
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<td>821</td>
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<td>Members paid for 2011</td>
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<td>354</td>
</tr>
<tr>
<td>Paid percentage</td>
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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 SEAL for an advertising order form.

Except where noted, opinions expressed in this newsletter reflect those of the author and do not reflect or represent the position of SEAW. Portions of this newsletter may be reproduced provided credit is given.
Company Spotlight: Swenson Say Faget

Swenson Say Faget (SSF) is a structural engineering firm working collaboratively with architects, designers, contractors, developers and building owners in both the public and private sector to create effective building solutions. The current partnership of SSF was founded in 1995. We have a staff of 29, with 13 licensed engineers and 9 shareholders along with our CAD and administrative support teams. We are licensed in 21 states and currently have offices in Seattle and Tacoma.

We provide engineering services for new construction, remodels, additions, seismic studies and retrofits, historic preservation, building assessments, and expert opinion cases. These projects have included single and multifamily housing, office, retail, industrial buildings, schools, religious facilities, libraries, emergency facilities, and artwork installations to name just a few. The diversity of our work is the strength of our firm. Every single project benefits from our cumulative experience. A technique embraced on an institutional retrofit benefits a single-family remodel. A preservation job informs a seismic analysis. And so on. That's the beauty of a place with a deep understanding of buildings and a penchant for we'll-find-a-way outcomes.

Our engineers are leaders in the industry and are constantly on the lookout for new techniques that can improve our structural designs. SSF is committed to being at the forefront of the industry-wide movement toward Building Information Modeling (BIM). Our drafting staff and engineers use the current version of Revit Structure. We also have several principals who are active members of boards and committees including the SEAW Existing Buildings and Earthquake Engineering Committees, AIA Seattle, and the Washington Trust for Historic Preservation.

Current SEAW members include: Blaze Bresko, Brett Mozden, Dan Morrow, Dan Say, Eric Rupp, Gary Swenson, Greg Coons, Scott Hufford, Zane Kanyer

Swenson Say Faget
2124 Third Ave Ste 100
Seattle WA 98121
www.swensonsayfaget.com

Cale Ash, SEAW Member since 2005, is our Company Spotlight Coordinator. If you would like to see your company in the spotlight, e-mail him at cash@degenkolb.com.

PROJECTIONS

Pike Place Market Renovation, Seattle, Washington

A comprehensive seismic analysis of aging buildings at the Pike Place Market was performed in anticipation of a substantial renovation and seismic retrofit of these structures as part of a renewal to the Historic Pike Place Market District. The first phase of work encompassed the design of a shoring system for the addition of subterranean levels up to forty-five feet below the Flower Row and Leland Bakery buildings. These levels were added to house electrical and mechanical equipment to service the Market as a whole. The buildings above the shoring were continually occupied during construction. Phases two and three will complete restorations to the remaining buildings at the Pike Place Market.

Ballard on the Park, Seattle

Ballard on the Park is a 10-story mixed-use building that overlooks the Ballard Commons Park. The new 42,000 square foot QFC, at street level, is sandwiched by 7 stories of apartments above and 2 levels of below-grade parking. Due to the layout required for the store and parking garage, the stair and elevator shafts on these levels had to be placed at different locations from those on the apartment levels. Therefore, traditional concrete shear walls or steel braced frame systems were not ideal. A modified system integrating more traditional steel brace frames with pre-fabricated light gauge steel wall assemblies was developed capable of meeting all of the project’s structural needs.

iFly Seattle Indoor Skydiving, Tukwila, Washington

The Seattle iFly is the first indoor skydiving center to be constructed in the Pacific Northwest. The building geometry is driven by the need to create an approximately 80-foot-tall vertical wind tunnel in which air moves at a very high velocity up through the center of the structure, creating the “flight chamber.” SSF utilized Revit Structure to create a 3D BIM model of the building, which proved to be an invaluable resource throughout the design phase. Besides facilitating the drafting of intricate steel framing, including sloping columns and complicated access floor systems, the Revit model allowed for greatly improved collaboration between the design team.
Upcoming YMF Events

Happy Hours - all begin at 5:00 PM:

March 8
Kells
1916 Post Alley, Seattle

April 13
Barolo
1940 Westlake, Seattle

May 10
Whiskey Bar
2000 2nd Ave, Seattle
Meeting Recap: New Ground Motion Criteria for the 2012 IBC

In the first meeting of the new year, John Hooper, PE, SE, and C.B. Crouse, PhD, spoke to us about the seismic provisions in ASCE 7-10, which will be adopted by the 2012 IBC. John warned us in the beginning of the meeting that we would only be able to completely understand everything he was telling us after the third or fourth time we listened to this presentation. I think he wasn’t giving himself enough credit. It would probably only take two times to grasp most of this information. Of course, he gave the game away right at the beginning by letting us know the results of all the code tweaks right up front. “It doesn’t change much.”

The three big technical improvements to the seismic code include: 1) moving from uniform hazard to uniform risk ground motion, 2) going to maximum-direction spectral acceleration from the geomean, and 3) new ways to treat near fault locations.

The most interesting change that I found was the change in design philosophy from uniform hazard to uniform risk. The previous uniform-hazard MCE had a 2% probability of exceedance in 50 years, or a return interval of about 2,500 years. But now the code has changed so that all buildings have a risk of collapse of 1% in 50 years. The risk of collapse is found using complicated calculations involving the hazard curve (defined by “science”) and the building fragility curve (which engineers can theoretically calculate based on the building type). Using this philosophy, most of the country’s seismic design values go down by about 10% with parts of California being the exception. Those areas increase a bit. So it would seem like the overall seismic values would be lower. However, changing from geomean to maximum direction spectral accelerations makes back up most of this. An example location in or near Seattle had an increase of 51 from 0.44 to 0.49. So stays about the same.

C.B. Crouse then spoke about some other issues in the new code. He mentioned that the switch from geomean to maximum direction required new time-history scaling. This is another reason that the new design spectral acceleration values are so similar to the existing values.

C.B. also discussed the Next Generation Attenuation, NGA, data that underlies the new USGS data. This takes into account shallow crustal earthquakes only. He warned us that the next version would more accurately take into account basin effects, which will further change mapped values, especially around Seattle. There are also new seismic provisions for PGA and liquefaction. The results of the changes to this section will likely be more sites will have liquefaction and that sites that already have liquefaction will likely have it to a greater depth.

Written by Karen Damianick, PE, SE. A frequent contributor to the Equilibrium, Karen has been a member of SEAW since 2003. She may be contacted at kdi@kdeengineering.com.
Announcing Formation of the Structural Engineers Foundation of Washington

We are very excited to announce at long last that SEAW has formed its own non-profit 501 (c)(3) organization. This has been a longstanding vision of a number of individuals who have been key to SEAW over the past two decades. The SEAW State Board approved the formation of an inaugural foundation board last fall, and the paperwork, legal advice, and members necessary to complete the task were assembled between October and December 2010. The inaugural board members are: Howard Burton (Chair), Dave Peden (Vice Chair), Arne Carson (Vice Chair), Ted Smith (Secretary/Treasurer), Jon Magnuson, Ed Huston and Mark D’Amato. Lynnell Brunswig will serve as foundation administrator.

The Structural Engineers Foundation (SEF) will focus on education and research and because of the charitable status of the foundation, all contributions to SEF are completely tax deductible.

Although one of the first tasks of SEF will be to administer SEAW’s Scholarship Program, the foundation board is equally excited to provide a platform to support many other important activities that will improve the recognition of the practice of structural engineering in Washington. SEF plans to present public forums featuring guest speakers who are nationally recognized leaders in our industry. Look for future announcements of SEF’s first event that will take place this spring.

If you have any questions, or are interested in helping to support SEF, please call Lynnell or any board member.

The latest effort of the WABO/SEAW Liaison Committee can now be found on the SEAW website. White Paper 8-2010, “Guidelines for Determining Snow Loads in Washington State,” was initially released in December. This white paper is intended to coordinate the various codes and standards and to be a guideline for establishing a uniform approach to determining minimum ground snow loads, $p_g$, and roof snow loads, $p_f$, snow drift considerations in low-lying areas, and other roof design considerations.

Formed in 2000, the WABO/SEAW Liaison Committee’s mission is to improve communications between the public jurisdictions that administer building codes and the engineering design community that prepares construction documents, improve consistency and quality of engineering submittals and project reviews, and build consensus between the engineering design community and building officials with regard to code interpretation and submittal requirements. The committee’s white papers can be found on the SEAW website at http://www.seaw.org/resources_white_papers.cfm
Professional Practice

What is Current Practice in the Application of Engineering Seals and Signatures to Our Work Product?

Greetings from the Professional Practices Committee of the SEAW. Recently, a question was brought before our group dealing with just how consulting engineers seal and sign their work product on a day-to-day basis. Are we following the WAC (Washington Administrative Code, WAC 196-23-070) to the letter, as it’s written? Or have we collectively moved into a “gray” area as far as the use of electronic seals and signatures? And does the RCW (Revised Code of Washington, RCW 18.43.070) trump the WAC in some instances, with its own guidelines for Certificates and Seals? What has our “standard practice” become with the advancement of digital communications and the pressures of issuing work product more rapidly than ever? For a look at the WAC and related RCW, use these links:

RCW: http://apps.leg.wa.gov/RCW/default.aspx?cite=18.43.070

Permitting jurisdictions in Washington vary widely in how strictly the WAC guidelines are followed. This brings us to an issue many have encountered in the submission of plans for permit review: how many times has a building official demanded that every sheet of every set of submitted plans bear the “wet signed” signature (and even wet seal) of the EOR? Most seasoned jurisdictions in the Seattle area recognize and accept reproductions (prints) of signatures and seals on plan submittals as being the real McCoy, as far as the authenticity of the EOR is concerned. Furthermore, they don’t much care whether the seals and signatures are electronically applied or not. Others across Washington, however, care very much about just how the seal and signature arrives on the plans.

This brings us to the question we are asking ourselves: what is the current practice among consulting engineers when it comes to the application of seals and signatures on plans and other engineering work product, assuming the jurisdiction doesn’t impose their own standards? In the near future, PPC plans to distribute an electronic survey to answer this very thing. We will ask a series of questions of our membership related to their own practice, or that of their office, with regard to the application of electronic seals, signatures and the controls for their use. Responders will remain anonymous. The long term goal will be to gather information for influencing the powers that be to adapted to the reality of present times.

Professional Practices is a statewide committee of SEAW and can be reached through the office at seaw@seaw.org or chair John Tawresey at johnhtaw@aol.com

Meetings, Seminars, Announcements

PSEC Engineers Fair
Be sure to visit the SEAW booth at the 2011 Engineers Fair!

The Puget Sound Engineering Council (PSEC) hosts an Engineering Fair in conjunction with local chapters of engineering societies, colleges, and businesses. The Engineering Fair generally has about 25 display booths, staffed by practicing engineers and technical people representing many types of engineering disciplines. In addition, the Fair also features a hands-on design competition on site (The Popsicle Stick Bridge Load Competition sponsored by the American Society of Civil Engineers). More information on the contest can be found at www.seattlelease.org/ymf.

The 2011 Engineering Fair will be held on February 19th at the Museum of Flight Side Gallery in Seattle.

The Fair provides a fun, visible way to see and hear about the various types of engineering disciplines, as well as encourage students to think about engineering as a career. This is an annual event that coincides with National Engineers Week, February 19 to 26, 2011.

The event is open to the public, with the target audience being K-12 students and their parents. There is no admission required to enter the Fair, which will occur in the Museum of Flight’s Side Gallery, from 10 AM to 5 PM. However, entry into the museum portion of the Museum of Flight is required.

To read more about National Engineers Week, see http://www.eweek.org/.

PSEC Engineering Awards Banquet
The 53rd Annual Puget Sound Engineering Council (PSEC) Engineering Awards Banquet will be held Saturday, February 26th, 2011 at 6:00 PM. PSEC is excited to bring the banquet back to the Museum of Flight at King County International Airport (Boeing Field). We invite you to join us for this unique opportunity to celebrate the profession of engineering and honor the achievements of our colleagues! Come early and enjoy complimentary access to the museum’s exhibits.

PSEC is pleased to host James M. Ogowski as the keynote speaker for the evening. Ogowski is Vice President of Engineering and Senior Chief Engineer of Airplane Structures at The Boeing Company. He is responsible for driving engineering excellence in airplane structures and ensuring the technical integrity and success of BCA’s development and production programs. He was previously the Chief Structures Engineer for the 787 Program. He joined the 787 Program in February of 2008, responsible for Mission Improvement.

Ogowski has been with Boeing for 33 years, the first 31 of which were in Integrated Defense Systems and Phantom Works working on various R&D and production programs with an emphasis on composite structures. In addition, he participated in numerous BCA product development studies leading to the structural architecture of the 787.

The evening’s honorees will include:

- Academic Engineer-of-the-Year: Professor Stephen Burgess, P.E., nominated by the American Society of Civil Engineers (ASCE)
- Industry Engineer-of-the-Year: (Continued on page 8)
Meetings, Seminars, cont’d

(Continued from page 7)

Year: Tamaira Ross, nominated by the Society of Women Engineers (SWE)
• Government Engineer-of-the-Year - Michael Mucha, P.E., nominated by the American Public Works Association (APWA)
• Young Engineer-of-the-Year - Danielle Vardaro, nominated by the Society of Women Engineers (SWE)
• Professional Engineer-of-the-Year - John Tawrey, S.E., P.E., nominated by the American Society of Civil Engineers (ASCE)

Visit http://2011psecbanquet.eventbrite.com/ to register. Registration will be available through February 21st.

Seattle Revit Structure User Group
The next Seattle Revit Structure User Group meeting will be Tuesday, February 22, at noon. This month’s topic will be MAKING DECISIONS BEFORE STARTING A REVIT PROJECT. This discussion will be an informal roundtable dialogue as always, so we absolutely want you to share your difficulties/tips/tricks/lessons learned. Bring your burning questions, bring your suggestions, and most of all, bring your LUNCH! Absolutely no Revit experience required. Users of all levels are welcome.

What: Seattle Revit Structure User Group meeting
When: Tuesday, February 22, 2011 at noon
Where: One Union Square, Seattle, WA 98101
3rd Floor Conference Room, Suite 318
To RSVP or for questions, please contact Irina Wong at iwong@degenkolb.com.

Pacific Northwest Bridge Inspectors’ Conference
April 19 - 21, 2011
Red Lion Hotel On The River, Jantzen Beach, Portland
The states of Oregon, Washington, Idaho, Alaska, and the FHWA are jointly hosting the 2011 Pacific Northwest Bridge Inspectors’ Conference. The conference provides a forum for bridge inspectors and managers to share information, innovations, ideas, and best practices. Additional opportunity will be provided for attendees to gain a current federal perspective on the implementation requirements of the NBIS.

Who Should Attend?
The audience is intended for: city, county, state, federal, and consultant bridge inspectors and bridge managers who participate in the collection, interpretation, and reporting of bridge inspection data.

Washington State University’s Continuing Education Units are available for this training. The following link has more information and specifics on the conference: http://conferences.wsu.edu/bridgeinspectors

Opportunities

Employment Opportunity

Seattle Structural

Seattle Structural PS Inc is a downtown Seattle firm looking for engineering candidates with 3 – 8 years experience. Share in our hard working enthusiasm on diverse and challenging projects in the US and overseas. We specialize in public, commercial, retail, industrial and specialty projects. We offer excellent benefits and stimulating work in a casual environment. Visit our website at www.seattlestructural.com. Send resumes to: Pete Pawlak, PE 1420 Fifth Avenue, Suite 425, Seattle, WA 98101 206-343-3000 phone; 206-343-3013 fax; PPawlak@SeattleStructural.com

SEAW Opportunities

The State SEAW has several opportunities for committee involvement. Most of the work of the association happens in committees, and involvement by members provides not only a service to the organization, but an excellent opportunity for professional development. Committees welcome participation by interested members regardless of their level of experience. Take a look at the committee contacts on page 4 of this newsletter. Currently we have need for a Financial Committee member: This person will provide a backup to Treasurer Ted Smith in the financial oversight of SEAW Seattle Chapter and State Association. Activities include budgeting, reporting, and state tax reporting. Does not include day-to-day operations.

What: SEAW Seattle Chapter Mentors
When: Thursday, February 24, 2011 at noon
Where: One Union Square, Seattle, WA 98101
3rd Floor Conference Room, Suite 318
To RSVP or for questions, please contact Tamaira Ross at tr@SeattleStructural.com.

Mentor Opportunities

PSEC Mentor Night at Seattle Central Community College
The Puget Sound Engineers Council (PSEC) is holding its first Seattle Central Community College Mentor Night. This event is a time for students to come and learn more of what engineers do. The event is open to Seattle Central students and high school students around the area. Please come support this great event.

We are looking for all engineers to come and mentor these students and tell them how awesome it is to be an engineer.

Date and Time: Thursday, March 3rd, 5:30pm-8:00pm.
The event starts at 6pm.
Location: Seattle Central Community College, Science & Math Building, Atrium 1st Floor FREE PIZZA PROVIDED!!!!

SIGN UP TO VOLUNTEER:

Washington State Science & Engineering Fair
The 54th Washington State Science and Engineering Fair (WSSEF) will be held April 1-2, 2011 at Bremerton High School in Bremerton, WA. We invite you to share your professional expertise as a judge on one or both days of the fair. Evaluation and recognition of student research are the most important aspects of the SWWEF; each year our student's future scientists and engineers look forward to this unique opportunity to interact with experts in their fields. In order to provide a quality experience for the students, we need more than 300 judges who have exemplary credentials in their area of science research. We welcome your willingness to serve. Complete information can be found at www.wssef.org.

Register for judging now by visiting www.wssef.org/judges.html. You will receive a confirmation for judging and several updates as the
Seattle Chapter Committees & Chairs

House/Program | Peter Opsahl
Refresher Course | Mark Moorleghen
Membership | Cheryl Burwell
Newsletter | Andrew McGlenn
Presentations/Awards | Howard Burton
Engineer of the Year | Tom Bykonen
Governance | Dan Yeager
Committee Oversight | Lynnell Brunswig
YMF | Bill Mooseker

Statewide Committees & Chairs

Code Advisory | John Hooper
Earthquake Engineering | Tom Xia
Building Engineering | Scott Beard
Existing Buildings | Peter Somers
Professional Practices | John Tawresey
Wind Engineering | Scott Douglas
Exam Liaison | Ed Huston
Legislation | Joe Ferzli
Education | Ted Smith
Finance & Auditing | Paul Brallier
Disaster Prep/Response | Cale Ash
Public Information | Marjorie Lund
Sustainability | John Tate
Snow Load | Don Northey
SEAW Historian |

For Committee contact information, visit www.seaw.org and click the Committee page

Membership Applications

Myron Basden
Gray & Osborne Inc
BSCE 2005, University of Washington
Licensed PE, WA
Class: Member PE

Sarah Gehrke
Shutter Consulting Engineers
BSCE 2005, University of Washington
Licensed PE, WA
Class: Member PE

Erik Lofthus
KPF Consulting Engineers
BSCE 2006, MSCE 2008, University of Washington
Licensed EIT, WA
Class: Associate

David Sommer
Degenkolb Engineers
BSCE 2007, Seattle University
MSCE 2010 University of Illinois at Urbana Champaign
Class: Associate

Inna Tasmaly
BergerABAM Engineers Inc
AS Engineering 2008, Highline Community College
BSCE 2010, University of Washington
Licensed EIT, WA
Class: Associate

Applications Accepted

Michael Olson, Affiliate
Ryan Schultz, Affiliate

Membership Classification Changes

Robert D Anderson—Member SE to Retired Member SE
Charles Dinsmore—Member SE to Life Member

Members Deleted

Douglas Applegate—unable to locate
Julie Chapple—left area
Jung-Koo Park—unable to locate