Seattle Chapter’s Annual
Spring Social and Awards Event

JOIN US FOR AN EVENING OF

Wine Tasting and Awards

THURSDAY, JUNE 14, 2012—5:00 pm

The Shilshole Bay Beach Club
6413 SEAVIEW AVENUE NW
IMMEDIATELY NORTH OF RAY’S BOATHOUSE

Open Wine Bar with Hors d’Oeuvres

5:00 PM TO 6:30 PM
TASTE DIFFERENT WINES AND SOCIALIZE

Program: Wine Tasting with David LeClaire

6:30 TO 7:00
WINES PAIRED WITH HORS D’OEUVRES

Awards Program

7:00 PM TO 8:30 PM
WINE BAR WILL BE OPEN

Engineer of the Year  Young Engineer of the Year

Peter J. Hart  Daniel Yeager

This year’s awards event will begin with a presentation of the 2012 SEAW Scholarship recipients. We will introduce and honor our Life Members and have a special recognition of engineers who worked on the 1962 World’s Fair structures.

President’s Awards and Honor Awards will be given to recognize the individual accomplishments of many of our members. The evening will end with the introduction and installation of Seattle Chapter’s newly elected officers.

Reservations and Prepayment Required

LIFE-MEMBERS & GUESTS: FREE
SEAW MEMBERS & GUESTS: $50.00
STUDENTS: $20.00

REGISTER BY FRIDAY, JUNE 8

Online: www.seaw.org
Phone: 206.682.6026
email: seaw@seaw.org

SEAW Wishes You a Sunny Summer!
Greetings fellow engineers!

The SEAW year is winding down and I am preparing to hand over the President’s gavel to Cale Ash. I would like to take this opportunity to reflect upon our many successes from the last year and to publicly thank the many people who have contributed to a great year.

Your Seattle Chapter Board

First of all, I would like to thank SEAW as an organization for allowing me the opportunity to serve as Seattle Chapter President. It has been a fun and fulfilling experience. Although there is a “rule book” we follow (our bylaws, policies and traditions), we exercised a lot of creativity in trying new things – and had a fair amount of success. I discovered that successful SEAW leadership is mostly about successful relationships, and that the best way to grow as an organization is to “get the right people on the bus.” I feel especially proud to be handing over to Cale an organization that has all the right parts and is running smoothly.

2011–2012 was the first year of our expanded board, and with board Directors now serving three-year terms we have already starting to see what an extra year of experience will bring to the effectiveness of the board.

We have one retiring board member, Cheryl Burwell, who brought her unique spark to the board. She has promised to keep working with the board on special projects. Thanks Cheryl!

Mike Bramhall filled the one-year vacancy created by the extended terms and made good use of his historic perspective (this is Mike’s second stint as a board Director). We are very fortunate that Mike has agreed to stay on this coming year as board Secretary. Thank you Mike!

The returning Directors all made strong contributions over the past year and are enthusiastic about the coming year. Many thanks to Brain Pavlovev, Mike Wright, Tom Corcoran and Steve Dill for your dedication. And it’s exciting to welcome new board members Steve Pfeiffer and Charlene Hails — welcome to the party!

Our executive team of Past President Andrew McGlenn, Vice President Cale Ash, and Treasurer Ted Smith are a stellar group to work with. Thank you gentlemen!

Cale’s meteoric rise within our organization—from 2010 SEAW Young Engineer of the Year, to taking the helm of our Chapter in 2012, and then SEAW State President in 2013—is amazing! Those of you that have had the opportunity to work with Cale know his level of commitment (and great organizational and people skills) which make him perfect for his role within our organization. Cale is involved in many aspects of SEAW leadership and does a great job with building really effective teams. Cale, I look forward to continuing to work with you and thank you for your contributions to SEAW.

Lynnell Brunswig—SEAW Executive Director—is a great friend and the glue that holds our organization together. Lynnell was pretty new to her job with SEAW when I first met her back in 1987 and we have had a lot of fun over the years working together. It has been great having a close relationship with the person responsible for making sure that all of our organization’s moving parts keep moving!

Your Foundation

Another opportunity that came my way through SEAW has been my relationship with the Structural Engineers Foundation of Washington. SEF is the public outreach arm of SEAW and came into existence in 2010 through the combined efforts of its dedicated Board of Directors, supportive SEAW leadership and the enthusiasm of our SEAW membership and their firms. I am fortunate to chair this organization and am pleased to have a leadership role in carrying out this very important function of SEAW.

One of the greatest joys of SEF has been the relationships with really dedicated folks. Every individual that serves on the board of SEF, or chairs a committee, or volunteers with a Foundation event, does so because of their strong belief that structural engineering is a proud and honorable profession. I agreed to lead SEF out of a strong desire to give back to our profession—and not surprisingly, the benefits that have flowed back to me have been well worth the effort.

I could fill another dozen pages of stories and thanks to the many individuals that have made this last year remarkable and memorable, but I don’t want to spoil the surprise! On June 14th we have our annual Spring Social and I get to hand out awards—read on!

Spring Social and Awards Event

On June 14th, at the Shilshole Bay Beach Club, SEAW’s Seattle Chapter is having a party! In recent years this event has become the one party you don’t want to miss—and this year promises to be a memorable occasion. We are starting the party earlier than previous years to allow a longer social hour, so you should plan to arrive right at 5 PM in order to spend time with friends, colleagues, heroes and future heroes that will be attending that night (yes, I did say heroes).

Like all of you, these fellow practitioners are Structural Engineers because they want to make the world a better place. Fulfilling a life’s career and retiring from our profession is a huge accomplishment and rates hero status in my book. Our future heroes are that next generation of engineers coming from our universities, many of whom will be honored with scholarships that night.

On June 14th you will be able to rub elbows with:

• Life Members who have retired from practice along with their spouses. This is a great time to reconnect with mentors from your early career.

• Honorary Members who have made special contributions to our profession.

• The 1962 World’s Fair Engineers. SEF just completed recording stories told by these nine men who designed many of the structures that define Seattle’s landscape, and we expect many of them to join us this night. This is a rare group of luminaries that you won’t want to miss!

• Current and past SEAW and SEF leadership.

• Our new scholarship awardees.

• And YOU!

We are again featuring David LeClaire and his wines. The awards program will be accompanied by hors d’oeuvres paired with specially selected wines. Seriously, this is the one engineering party that your husband, wife, partner, or friend is guaranteed to enjoy, so don’t be afraid to bring a guest.

See you at the party!
A Memorable Day: World’s Fair Engineers Assembly and Recording Session

- by Marga Rose Hancock, historian and SEAW Hall of Fame contributor.

Early in 2012 SEAW initiated an online Hall of Fame, with posting of career profiles of engineers recognized by SEAW for their professional achievements and service. Howard Burton, Mark D’Amato, and SEAW Historian Don Northey initiated this project, also involving Public Information Committee Chair Cale Ash and Marga Rose Hancock. While collecting career achievement data of honorees, the committee noted that several of those honored had taken part in the design and construction of the futuristic structures of the 1962 Seattle World’s Fair.

Fifty years ago, the World’s Fair brought 10 million visitors into an experience of Century 21—showing them structures that featured innovative structural engineering concepts and technologies. Also notably, the experience of designing the Fair structures—the Space Needle, the US Science Pavilion (now known as Pacific Science Center), the Monorail, the Playhouse, and others—developed expertise and connections that shaped careers and extended the influence of Washington engineers. To cite one example: the design of the Pacific Science Center connected the firm then known as Worthington, Skilling, Helle, and Jackson with architect Minoru Yamasaki, and later they teamed on the design of several projects including New York’s World Trade Center, the world’s tallest building at the time of its construction.

As part of documenting the influence of the World’s Fair on the engineering profession and the shaping of the future, the Structural Engineers Foundation of Washington (SEF) assembled nine “Fair veterans” for an audiovisual recording session on May 30th at the “World’s Fair Coliseum,” now known as the KeyArena (a special thank you to hosts Seattle Center, KeyArena at Seattle Center, Edie Burke, and Jeff Reed). Event Chair Linda D’Amato organized the gathering and recording of Dick Chauner, Jack Christiansen, Gary Curtis, Victor Gray, Norm Jacobson, Tom Kane, Bob Mast, Fred Pneuman, and Einar Svensson, filmed by the Promotion Arts team (Aaron Andersen, Jeff Bigler, Neil Hagar, and Chris Stow). Journalist Clair Enlow and historian Tyler Sprague conducted individual and group interviews. SEF Board members Arne Carson and Jon Magnusson also engaged in conversations with the veterans, along with VMF Member Eric Pope and YMF Outreach Representative April Chen. Jessica D’Amato photographed the occasion.

Preview Showing Planned for June 14th Spring Social and Awards Event

Attendees at the June 14th SEAW Spring Social and Awards Event will have an opportunity to meet these World’s Fair veterans and see previews of the documentary, and SEF hopes hopes to arrange future showings in and beyond Seattle. We anticipate this assembly will stimulate public interest as well as scholarly attention and publications that highlight a unique moment for structural engineering technologies and the advancement of our profession. SEAW and SEF extend thanks to all who took part.

About the World’s Fair veterans (see further details on SEAW Hall of Fame):

• Richard Chauner’s projects with Worthington, Skilling, Helle, and Jackson included structural design for the remodel of the Opera House and also the adjacent Ice Arena.

• John V. Christiansen designed the US Science Pavilion (now known as the Pacific Science Center) with Worthington, Skilling, Helle, and Jackson.

• Gary Noble Curtis, then with John K. Minasian of Pasadena, worked as the firm’s project lead on the foundation and top house for the Seattle Space Needle, and on other aspects of the Needle design.

• Victor O. Gray, at Fair time in partnership with Daniel J. Evans as Gray and Evans, observed the public process that supported the Fair’s manifestation as well as the construction process on Fair structures.

• Norman G. Jacobson designed the Seattle World’s Fair Parking Garage (“Prestressed Concrete Structure Constructed in Record Time”). He presented ‘Seattle Center Self-Parking Facility’ at the 15th Fall Convention of the American Concrete Institute held in Seattle September 28-29, 1962. He also did form work for the construction of the US Science Pavilion.

• Thomas Kane, with ABKJ, served as a special advisor to the contractor during the construction of the Coliseum, assisting with tensioning, ring beams, and cables.

• Robert Mast recalls his work on the monorail for the Seattle World’s Fair, especially on its curved beams. He notes: “Alweg's original design for the monorail beam bearings used machined bronze. These were very expensive, and required tight tolerances. Working with a bearings specialist, E. Terry Dalton out of Lake Oswego, OR, we developed an alternative using laminated pads and stainless steel. I believe that was a new concept in 1960-61.”

• Frederick Pneuman, with the organization then known as the Douglas Fir Plywood Association, worked on the House of Living Light, a temporary structure.

• Einar Svensson, as principal with the Alweg Company, served as key engineer for the firm’s development of monorail technology and construction worldwide—including perhaps most notably the Monorail, constructed in 10 months and using cars manufactured in Germany.
SEAW Awards

Seattle Chapter Announces Engineer of the Year, Young Engineer of the Year to be awarded June 14

**Peter Hart**

**Seattle Chapter’s 2012 Engineer of the Year**

Peter Hart has been awarded the Seattle Chapter 2012 Engineer of the Year award. Peter received his BSCE from the University of Arizona and his MSCE from the University of Washington in 1980. He worked for KPFF and TRA after graduating with his Master’s degree and joined CT Engineering in 1987.

Peter’s expertise lies in multi-use commercial-residential projects, deep excavation shoring, post-tension concrete, and wood/timber design. His recent projects include Olympic Athletic Club & Hotel in Ballard, Madrona House (Assisted Living) on Bainbridge Island, Mid-Mountain Lodge at the White Pass Ski Area, St. George’s Orthodox Coptic Church in Redmond, and the Schnitzer Steel Non-Ferrous Metal Recovery Building in Tacoma.

During his tenure with the Seattle Chapter, Peter has served as President of the ASCE Student Chapter, and currently is Outreach Representative for the SEAW YMF. Peter was co-chair of the 2007 Northwest Conference and has served as refresher course timber design instructor for over 10 years.

**Dan Yeager**

**Seattle Chapter’s 2012 Young Engineer of the Year**

Dan Yeager has been awarded the Seattle Chapter 2012 Young Engineer of the Year award. Dan received his Bachelor of Science degree in Architectural Engineering from the University of Wyoming at Laramie in 2005.

Dan joined DCI Engineers in Seattle in 2005 as a project manager. He has management, design, and construction administration experience for many mixed-use, residential, office, and medical projects. Dan became an Associate member of SEAW in January of 2007.

Dan joined the 2007 Northwest Conference and has served as refresher course timber design instructor for over 10 years.

**Heather DeWitz**

EIT, will receive a $3,000 award.

April is graduating from the University of Washington this month with a Bachelor of Science in Civil Engineering. This summer April interned at Magnuson Klemencic Associates, and in the fall will begin her structural engineering graduate degree program at UW. April served as President of the UW ASCE Student Chapter, and currently is Outreach Representative for the SEAW YMF.

April is from the Pullman area, but also lived in China for 10 years.

**Kaden Wulf**

EIT, will receive a $3,000 award.

Kaden, from Shelton, graduated with his Bachelor of Science in Civil Engineering from St. Martin’s University. At St. Martin’s, Kaden was Vice President of the Student Chapter of Engineers Without Borders and President of the ASCE Student Chapter,

State SEAW Awards Five Scholarships

The SEAW Scholarship Committee will award five scholarships totaling $12,000 at the Spring Social and Awards Event on June 14th. Applicants must be enrolled in a structural engineering degree program and reside in Washington State.

**April Shen**, EIT, will receive a $3,000 award.

April is graduating from the University of Washington this month with a Bachelor of Science in Civil Engineering. This summer April interned at Magnuson Klemencic Associates, and in the fall will begin her structural engineering graduate degree program at UW. April served as President of the UW ASCE Student Chapter, and currently is Outreach Representative for the SEAW YMF.

April is from the Pullman area, but also lived in China for 10 years.

**Heather DeWitz**, EIT, will also receive a $3,000 award. Heather anticipates graduating from Washington State University in December with her Bachelor of Science in Civil Engineering. Last summer she had an internship with Granite Construction, and this summer she will be working for Boeing. Heather participated in WSU’s Society of Women Engineers and the Tau Beta Pi Honors Society. Heather is from Bonney Lake.

**Kaden Wulf**, EIT, will receive a $3,000 award.

Kaden, from Shelton, graduated with his Bachelor of Science in Civil Engineering from St. Martin’s University. At St. Martin’s, Kaden was Vice President of the Student Chapter of Engineers Without Borders and President of the ASCE Student Chapter,

**Philip Beasley**, EIT, will receive a $1,500 award. Philip is graduating this month with his Bachelor of Science in Civil Engineering from the University of Washington. At UW, he participated in the ASCE Steel Bridge Competition team and departmental research. He begins an internship at KPFF this month, and next year will begin his graduate studies at UW. Philip is from Bellevue.

**Kyle Ryan**, EIT, will receive a $1,500 award. Kyle graduated from Gonzaga University with his Bachelor of Science in Civil Engineering in May. Kyle was active with the ASCE Student Chapter and Tau Beta Pi at Gonzaga. Kyle was particularly engaged by his senior design project, improvements to the Riverside Park Water Reclamation Facility, a wastewater treatment plant in Spokane, which he was able to work on alongside engineers from CH2M Hill. Kyle is still deciding whether to begin working next year or pursue his graduate degree. He is from Mill Creek.

SEAW Seattle Chapter Equilibrium
The SEAW Continuing Education Committee announces the postponement of the June 16 Wind Design Seminar until this fall. This will allow presenters in order to incorporate the recent changes to the wind design provisions in ASCE 7-10. The committee apologizes for any schedule difficulties this cancellation may have caused.

Are Your 2012 Dues Paid?
INSTRUCTIONS FOR PAYING YOUR DUES ONLINE:
1. Go to www.seaw.org and Log in to the member area (Default login name is your email address; password is your first name.
2. Click on “My Membership” in the menu bar
3. Select “Membership Renewal” in the gray menu bar and click the “Select an Invoice” box. Select the invoice, if there is one, and Follow the prompts to pay your dues online using your VISA or Mastercard.
4. When your payment has been made, you will receive an automated receipt by email.

SEAW Member Stats as of May 31, 2012

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<th>Seattle Chapter</th>
<th>State SEAW</th>
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<td>Total membership:</td>
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<td>Dues paying members:</td>
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<td>Members paid for 2012</td>
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<td>Percentage of members paid:</td>
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