



# EQUILIBRIUM

Newsletter of the Seattle Chapter  
Structural Engineers Association of Washington

December 2008

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



## Notice of Seattle Chapter Bylaws Amendment Vote

Notice is hereby given that the Seattle Chapter Board of Directors has voted and approved a proposed amendment to the Chapter bylaws to require a minimum of one (1) name be reported to the Members by the Nominating Committee for the position of Vice President instead of the current minimum of two (2).

This notice is in accordance with the provisions of Article X, Section 1 of the Chapter bylaws, and shall be voted upon at the January 27<sup>th</sup> Seattle Chapter meeting.

Specific changes include:

Change the 6<sup>th</sup> sentence in the second paragraph of Article VI, Section 2 to read "On or about January 30th, the Nominating Committee shall report their nominations for office: one (1) name for President, at least one (1) name for Vice President, and at least two (2) names for Vice President and each Director to be elected."

The full text of the Chapter bylaws showing the changes in underline/strikeout format is available online at: [http://seaw.association-online.com/documents/SE Bylaws 2004.pdf](http://seaw.association-online.com/documents/SE%20Bylaws%202004.pdf)

Over the years it has become the tradition of the SEAW Seattle Chapter for the prior-year's Vice President to become the Chapter's current year President. Since the Vice President is the presumptive President-Elect, the nominating committee's task in identifying the Vice President is critical to the continued success of the Seattle Chapter.

For the last several years, the nominating Committee has had difficulty finding two qualified and willing candidates to run for the position of SEAW Seattle Chapter Vice

President. This year after an exhaustive search, a current member of the Board of Directors finally agreed to be the second candidate. This difficulty in finding candidates is not exclusive to the Seattle Chapter, but is prevalent in many other SEA chapters. Many chapters, including NCSEA, now nominate only one candidate for Vice President, effectively making that candidate the de facto president-elect. Several chapters have also officially changed the title of their Vice President to President-Elect.

Besides simplifying the search for candidates, selecting one candidate would allow several extra months of coordination between the Vice President nominee and the current Board Officers. Once nominated at the end of January, the Vice President would be the presumptive president elect, and would have additional time to become familiar with the duties of Vice President and start planning for the upcoming year with the Chapter's current Vice President/future President.

The revised bylaws would still enable the nominating committee to select two candidates for Vice President should they feel that to be the desire and in the best interests of the Chapter's membership. In addition, the current bylaws still permit additional nominations to be made by petition of at least five MEMBERS.

The vote on this amendment will take place at the January 27<sup>th</sup> Seattle Chapter dinner meeting, and will carry if approved by a majority of attending MEMBERS.

Please contact the SEAW office or any board member if you have questions about the proposed change.

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**No Meeting in  
December**

**Coming Up:  
Tuesday, January 27**

**Jim Fullerton  
of CRSI**

**will present**

**Trump Tower**

## FROM THE BOARD: Should I be Concerned About My Job?

Last year at this time our “from the board” article highlighted a trend that was concerning a lot of us in our profession and involved the difficulty of retaining qualified engineers to work for companies that were seeing record amounts of work and experiencing growth at unprecedented rates. It is ironic that a year later we now find our profession in a situation that is quite the opposite. We are in the midst of an economic situation that may evolve into a recession, the likes of which we have not seen in decades. We hear varying accounts concerning the severity and the duration of this recession, but there are a few aspects that appear to be consistent with all of the reports. Those consistencies are: first, that we are in fact in recession; second, it will be severe, and third, it will last at least 6 to 9 months. We have already seen a number of architectural and consulting engineering offices take reduction measures due to decreased workloads, and we continue to hear about the lack of new work from our developer and architect clients. During my career I can recall the recession we experienced in the late 1980s, in which the company I was working for at the time laid off about 25% to 30% of their total staff. Following the September 11, 2001 at-

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tacks on the World Trade Towers we saw a recessionary period that affected a number of those in our profession, but since then we have been conducting business and growing at record rates. There are a lot of engineers that have entered the work force since the September 11th attacks and this recession we will be entering will be something very new for them. If you fit into this category that means you were likely born in the 1980s and have little, if any, recollection of what a recessionary period feels like, much less to work in one. This edition of “From the Board” is dedicated to providing some insight to those that have entered into the engineering profession since 2001 to highlight practices that can enhance your position in the workforce during these months ahead.

Please note that the following perspective is based on my 18 years as an employee at two local consulting structural engineering firms, 8 years as an owner of a small consulting engineering firm, and numerous discussions with other owners of architectural and structural engineering firms of various sizes. These are merely suggestions based on that experience, realizing that other firms may have different priorities.

The position of a number of engineering firms in the recent past was both to hire new talent and to retain current employees by providing incentives for them. Such incentives included, but were not limited to signing bonuses, guaranteed end-of-year bonuses, company sponsored continuing education, large raises, profit sharing, and many other perks. It may be overly optimistic to expect these to continue. Agreed, offices will vary in how they approach this reduction, but be sure that an approach will likely be taken. Keep in mind that there are now more people looking for work, and the

competency of these individuals looking for work is rising. Here are some tips for all of the currently employed to consider for increasing their “value” in the workplace:

- Be willing to work more. Doing more with fewer people will be the preferred method of conducting work. A number of firms prefer to work this way as it reduces the hire/fire cycle and provides for more stability. Working more hours will be expected even more now. Perhaps the most important aspect of this concept is that if a company can count on an employee to get a job done in a given time frame, this employee’s value to the company increases.
- Be punctual and observe the company’s guidelines. Do not be late; in fact it would be to one’s advantage to be early. This should always be the case, but with the pace at which we have been working in the recent past, policing these policies may have been overlooked by varying degrees. This is not a way in which an employee wants to stand out.
- Show initiative with regard to continuing education by dedicating time at work outside of business hours or at home to learn various software and engineering techniques. Interest should be initiated by the employee before the company feels it will start to support the effort. It should be noted that this effort should always be discussed with the management prior to starting to determine the contribution such an effort would bring to the company.
- Develop tools the company can use. Whether this is a spreadsheet for a design process, project management, or general office organizational tasks, this is a great way to become involved with the company’s



growth and enhance the employee’s value to the company. The more involved one becomes with the different aspects of the company, the more the employee’s value increases.

- Be prepared for work before work. It should be up to the employee to become reacquainted with a process or learn a new procedure. Understand that it is now more critical that the time at work is spent on productive and billable time.
- Participate in Professional Societies such as SEAW. ACI and AWS also have a local chapters and involvement with these groups can increase one’s marketability and exposure to various parts of the industry.

As mentioned earlier, these are only suggestions and other companies may have different perspectives on how they will proceed through these times. In closing, remember that you want to stand out in a way that shows your value to the company. With some hard work this will give you the edge you need to work through these tough economic times. Thank you and on behalf of all of the Board, our best wishes for the holiday season.

Peter A. Opsahl,  
Chapter Vice President  
[peter@paostructural.com](mailto:peter@paostructural.com)

# Company Spotlight: Engineers Northwest

From our Seattle office, Engineers Northwest (ENW) has designed projects in forty-two states in the U.S., as well as throughout Canada and Mexico. Currently, ENW has a team of sixteen engineers, eight CAD technicians and three administrative staff. This group has design responsibility for building projects totaling over 400 million dollars each year.

Specializing in building design, we work with a complete array of materials and techniques. Buildings designed include office, retail, multi-family residential and multi-use, industrial and public use facilities. Designs include everything from two-story wood-framed construction, to mid-rise concrete or steel structures. Post-tensioned decks, concrete moment frames, steel braced frames, tall masonry wall, and concrete tilt-up construction are part of the wide variety of experience demonstrated. ENW engineers design complicated framing schemes and load paths with leading-edge-technology computer programs and encourage innovations in structural designs to make the process cleaner and more efficient. Engineers who have initiative and are able to work in a cooperative yet independent manner are rewarded.

ENW is well established — this year we celebrate our thirty-fifth anniversary — yet we are poised to adapt to change with a mixture of experience and youthful energy in our company stratum.

The following eleven SEAW members are currently within our organization:

Robert C. Raichle, Jr.,  
Jose L. Parada, Thomas Wampler,  
Dale Kaemingk, D. Allen Tucker,  
Henry Pangelinan,  
Daniel Lake, Thomas Langton,  
Theodore McDonald,  
Robert Raichle

**Engineers Northwest Inc**  
6869 Woodlawn Ave NE Ste 205  
206.525.7560  
www.enwseattle.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](mailto:cash@degenkolb.com).*

## PROJECTS



Image courtesy of Doug Scott Photography

### Fisher Plaza, Phases I & II Seattle, Washington

Situated in the Seattle Center area, Fisher Plaza is home to KOMO Broadcasting. This building was designed to higher than normal structural standards to enable the broadcast station to stay on the air during a natural disaster. A cast-in-place concrete building, this project has three levels of underground parking surrounded by shotcrete shear walls. Above are six levels of high-tech tenant spaces anchored by concrete moment frames. Each floor was designed as post-tensioned flat plate floor slab. The entire structure is supported on shallow foundations.

### Audi Dealership Bellevue, Washington

This Audi dealership in Bellevue, Washington is a prime example of the use of mixed building materials and structural systems. The main building is a three-story steel-framed structure that sits on a concrete plaza deck. The deck was designed as a two-way structural slab and is surrounded by concrete shear walls. Beneath the deck is the service area which is supported on shallow foundations. The steel-framed building consists of steel braced frames as well as a line of steel moment frames which also support the arching steel trusses over the showroom area. Adjacent to the building is a three-story parking garage designed with pre-cast frame and tilt-up concrete walls with floors consisting of double-tee beams on inverted-tee girders.



Image courtesy of Proimage Photography



Image courtesy of MulvannyG2 Architecture

### Costco Wholesale Warehouses

Since Costco created its first store in 1981, Engineers Northwest have been the engineers of record for most of the Costco Wholesale warehouses in the United States, Mexico and Canada, and have provided consultation services for overseas projects. Costco opens an average of 40 stores a year and we are able to coordinate all aspects of engineering to ensure unified client standards throughout their continued expansion.

The warehouse shown is attached to Les Promenades de l'Outaouais, a major shopping center located in Gatineau, Quebec. The main warehouse and 10,000-square-foot vestibule attachment to the mall have ballasted roofs designed for water retention and are framed with a cantilevered steel beam system incorporating open web bar joists. The non-bearing exterior walls are pre-cast concrete sandwich panels and the lateral system uses steel tube cross-braced frames.

## Meeting Recap

### November 25th Meeting Features YMF Sponsored University Project Overview

By Karen Damianick

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

The first two presentations were by Seattle U. undergraduates and focused on presenting information regarding their senior projects. They are in the first phase of their projects and this involves writing a proposal to complete their assigned projects. The first group's project involved writing a proposal for a grant to do more research on

steel plate shear wall designs. The second group's project involved writing a proposal for the design of a new bridge at the Newhalem Creek in northern Washington. Both of these projects presented the students with 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. The first involved research on developing performance based de-

sign guidelines for complex reinforced concrete wall systems. The second was to develop clear guidelines for the design of gusset plates for Special Concentrically Braced Frames (SCBFs). Both of these projects illustrate that the research going on at UW is relevant to practicing engineers.

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 to structural engineers.

*Karen Damianick is a structural engineer with KLD Engineering. She has been an SEAW member since 2001 and currently serves on the Newsletter Committee. She may be contacted at [kld@kldengineering.com](mailto:kld@kldengineering.com).*



## YMF Corner:

### Younger Member Interview

By Melissa White

In this YMF corner, we meet Robyn Yang, the current YMF social representative. This is the second of a series of interviews of the YMF representatives I will present this year, in order to get to know your Younger Member leaders.

Robyn has been a member of SEAW and the YMF since she graduated from Washington State University with her Bachelors Degree in 2006. Her favorite class in college was her Senior Design class, when she got to work with Engineers Without Borders and take on diverse challenges, such as access to materials and unusual construction practices.

Robyn has served as YMF social representative since June of 2008, and her main responsibility is planning the YMF social hours. This is a good match for Robyn because she finds meeting new people and organizing networking opportunities to be

the most rewarding aspect of SEAW membership. Her other responsibilities include coordination of other events with the chair and the outreach representative.

Robyn is a Project Engineer at DCI Engineers in Bellevue, where she has worked since graduating college. She likes her job because it is diverse and challenging, and she enjoys the opportunity to visit the job sites.

When asked if she had any advice to share with engineering students preparing to enter the work force, she said: "Don't be afraid to ask questions, but try to figure out the solution on your own first."

*Melissa White, YMF Chair, joined SEAW in the Spring of 2007 and immediately became involved with the YMF. Melissa works at Coffman Engineers and can be reached at [whitem@coffman.com](mailto:whitem@coffman.com)*



**Robyn Yang, DCI Engineers**  
Current YMF Social Representative

The Younger Member Forum was created in 2007 to provide 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.

### UW Steel Bridge Team Seeks Professional Engineer Volunteers

The University of Washington Student Steel Bridge Design Team would like to invite a group of Professional Engineers to watch presentations of two separate design schemes created by team members, one of which will be implemented to compete in the 2009 regional competition hosted by Montana State University and Carroll College.

These presentations will be scheduled in January at the convenience of the volun-

teer professionals. Giving presentations such as this reinforces the knowledge gained through design and provides the team with valuable experience and opportunities to enhance their engineering skill set.

Please contact Evan Lakin at [erl4@u.washington.edu](mailto:erl4@u.washington.edu) or 206.303.7659 if you have any questions or would like to be apart of this meeting.

### Call for Abstracts:

**Structural Engineers Association of California (SEAO) 78<sup>th</sup> Convention September 23-26, 2009**  
**The Westin Horton Plaza in San Diego, California**

Abstracts are requested for papers to be presented at the technical sessions of the 2009 SEAO Convention.

We encourage submissions on recent projects, best design practices, new seismic systems and components, next generation codes, advanced analysis techniques, high performance materials, sustainable design and results of recent experimental testing. Any paper topic will be considered.

Abstracts of not more than 250 words are due by 5 pm **February 23, 2009**, and should be sent via e-mail to the 2009 SEAO Convention Technical Program Committee at the contact information provided below. Authors will be notified of abstract acceptance by April 3, 2009. Papers must be submitted for publication in the proceedings by 5 pm **June 8, 2009**. Authors will be provided with required guidelines regarding paper format after acceptance of abstract.

**Michael Braund, P.E.**  
**Structural Engineers Association of California**  
Convention Technical Program Committee Chair  
PHONE: (619) 515-0299  
EMAIL: [mbraund@degenkolb.com](mailto:mbraund@degenkolb.com)

### King County Volunteer Emergency Worker Program

The King County Department of Development and Environmental Services (DDES) has established an Emergency Worker registration system that will serve as a central database for local municipalities to draw upon for post-disaster structural evaluations. SEAW encourages all ATC-20 (Post Earthquake Evaluation of Buildings)-trained members to register with this system.

Application materials can be found on the SEAW website at the following link:

[King County Emergency Worker Application](#)

### NCSEA Webinar

**December 17 – KEVIN MOORE**  
**Seismic Design of a Steel Special Moment Frame**

The fifth of 8 web-based seminars on the SEAO Structural Design Manuals, presented by Kevin Moore, P.E., S.E., SECB, is the last web-based seminar until after the holidays!

Learn a comprehensive approach to the design of a new steel special moment frame (SMF) system referencing all pertinent structural building code provisions. The design example will explore the state-of-practice related to SMF design as well. A question and answer session will be included in the presentation.

To register, visit [www.ncsea.com](http://www.ncsea.com)

### Refresher Course Chair Sought

The SEAW Refresher Course is designed to assist engineers preparing for the NCEES Structural II and Washington State Structural III license examinations. There are twelve two-hour lectures that are presented by experienced structural engineers. SEAW is in need of a chairperson for this program beginning in 2009.

The chairperson is responsible for coordinating with the course instructors, scheduling the dates of the course, coordinating the lecture notes into a manual for distribution to the attendees and attending the first course to welcome the attendees. These duties are in coordination with the SEAW administrator, Lynnell Brunswig, who manages the registrations.

If you are interested in being the next chairperson of the SEAW Refresher Course, please email the SEAW office at [seaw@seaw.org](mailto:seaw@seaw.org). If you have any questions, the past chairperson, Chevy Chase would be happy to talk with you. He can be reached at [chevy@cgengineering.com](mailto:chevy@cgengineering.com).

### Mark Your Calendar

#### JANUARY, 2009

#### Dues Statements Go Out!

Tuesday	27th	Seattle Chapter Dinner meeting Trump Tower Election of Nominating Committee
Friday	23rd	February Newsletter Deadline
Friday	30th	State Board meeting

#### FEBRUARY, 2009

15th through 21st	National Engineers Week
Tuesday	24th Seattle Chapter Dinner meeting Burj, Dubai

Watch the SEAW website for Calendar updates!

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## **Join Us!**

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[career@degenkolb.com](mailto:career@degenkolb.com)

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san diego

seattle

# Opportunities

## Engineer or CAD Designer

### DCI Engineers

DCI Engineers is a leading-edge, team oriented structural and civil engineering firm with six offices throughout the US. A diverse client base and being licensed in all 50 states, as well as Canada and Mexico, ensures you will be involved in exciting, high-profile and challenging projects. Named 2007 "Hot Firms," by Structural Engineer Magazine, our employees enjoy a vibrant culture where each team member is appreciated. DCI is happy to offer a diverse array of benefits to those who are a part of our team.

If you are an engineer or CAD designer with a desire to advance your career, please visit our website [www.dci-engineers.com](http://www.dci-engineers.com) for a list of open positions or send your resume to: [resumes@dci-engineers.com](mailto:resumes@dci-engineers.com).

### Project Development Engineer

Concrete Technology Corporation Tacoma, Washington

Concrete Technology Corporation, a leading P N W prestressed / precast concrete manufacturer is seeking a Project Development Engineer to promote and estimate prestressed concrete products. Qualifications include: Graduate from an accredited college or University with a degree in Civil Engineering or Construction Management; 3-5 years experience in estimating, product applications, industry issues, and business management practices; excellent oral and written skills and experience using spreadsheets applications such as MS Excel. We offer excellent salary and benefits package. Send resume and salary requirements to: CTC Human Resource, PO Box 2259, Tacoma, WA 98401; fax 253-404-2278; email; [kdavis@concretetech.com](mailto:kdavis@concretetech.com) EOE See us online at [www.concretetech.com](http://www.concretetech.com)

### Lead Structural Engineer III

King County Department of Transportation, Road Services Division

Are you seeking an exciting career opportunity where you can be a part of a dynamic organization that is making a difference in your community? King County Road Services is seeking an experienced lead senior level structural engineer to assist the bridge unit in maintaining and preserving the county's bridges and the continuity of King County's roadway network. The successful candidate will have a bachelor's degree in civil engineering and at least four years of experience in structural design or bridge engineers. Washington licensure as a

professional engineer or the ability to obtain the license within one year of appointment is required. For more information and instructions on how to apply please visit [www.karrasconsulting.net](http://www.karrasconsulting.net) and click on current searches.

### Structural Engineers

KPFF'S SPECIAL PROJECTS DIVISION IN SEATTLE AND OUR TACOMA DIVISION NEED STRUCTURAL ENGINEERS WITH 6+ YEARS EXPERIENCE

Structural Engineers enjoy the freedom of being the prime consultant on the majority of our projects. This is a rewarding and enjoyable place to be, giving you direct access to the client and owner.

KPFF's Special Projects Division, located across the street from Pike Place Market, is a dynamic 40+ person group that provides project management, planning, civil & structural engineering, machinery design and construction management.

KPFF's Tacoma Office is a 15+ person office located in Downtown Tacoma. The Tacoma Office offers a full range of services including expertise in structural engineering, bridge design, civil site development, transportation planning and design, and waterfront engineering.

KPFF provides these services on a wide range of project types through all stages of development. Project types include:

- Ports • Industrial Developments • Shipyards • Cruise Terminals • Small Boat Harbors • Marinas • Commercial Developments • Transportation Projects

KPFF Consulting Engineers has over 900 employees nationwide. We offer:

- Benefits
- Competitive salaries
- Performance based bonuses
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Please send your resume to:

[emp@kpffspd.com](mailto:emp@kpffspd.com) - Special Projects Division

[hr@kpfftacoma.com](mailto:hr@kpfftacoma.com) - Tacoma division.

### Structural Engineers

KPFF Consulting Engineers has been in business since 1960 and has an excellent reputation, flexible working environment, and minimal organizational restriction.

We are seeking Structural Engineers to work on bridges and waterfront structures. Recognized for technical expertise and innovation, we provide engineering design for port authorities, industrial clients and private clients. Special expertise includes port structures, seismic design and retrofit, piers, wharf, floating structures, breakwater, and marinas.

These opportunities will allow you to:

- Work with a variety of clients in both the public and private sectors.
- Work on multidiscipline teams expanding your overall project knowledge base.
- Work on stimulating projects from highway bridges to signature pedestrian bridges.
- Work on all aspects of bridge design from new bridges to bridge rehabilitation/retrofits, including seismic design.

- Develop drawings, cost estimates and specifications for various types of bridges and earth retaining structures.
- Perform studies and write reports.
- Monitor project schedule and budget.
- Interact with clients.

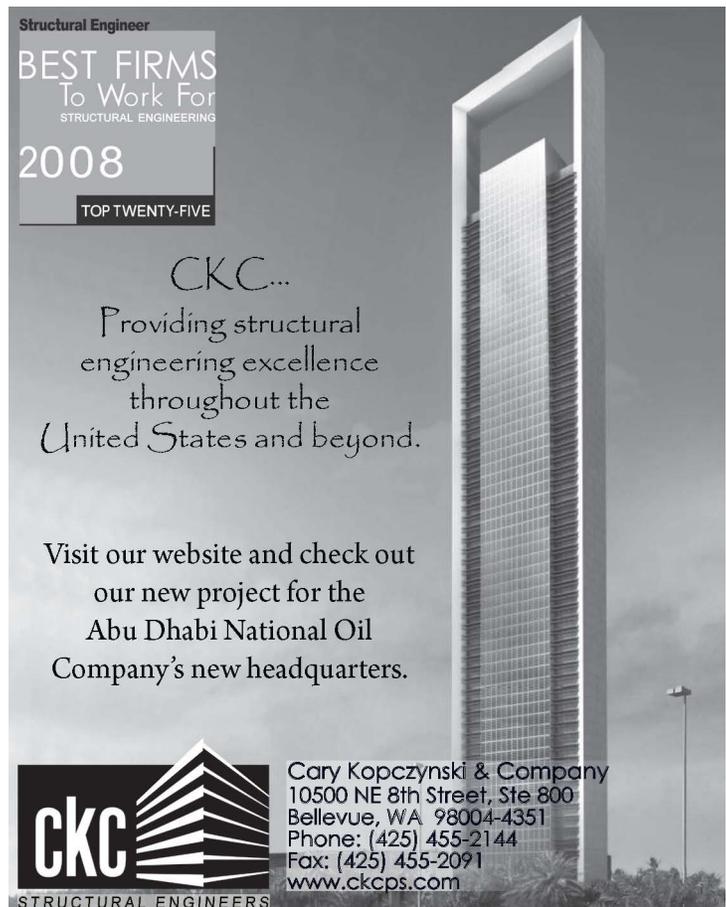
### Requirements

- Bachelor of Science in Civil Engineering
- Knowledge of computer programs such as SAP 2000, SAFE, and PC Column
- Five-plus years of experience
- Strong technical, communication and organizational skills
- PE required, SE preferred

Send your resume to:

[hrseattle@kpff.com](mailto:hrseattle@kpff.com)

HELP WANTED ADS are accepted through the fourth Friday preceding the publication month. The cost for text ads is \$50 per insertion **pre-paid**, with a 10% discount for ads running two or more consecutive months. Ad copy should be limited to 2000 words or less and must be submitted by e-mail. Advertising order forms and information about display advertising, can be found on our website at [http://www.seaw.org/resources\\_newsletter.cfm](http://www.seaw.org/resources_newsletter.cfm)



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# WANTED

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# STRUCTURAL ENGINEER

BECOME PART OF AN ENVIRONMENTAL ENGINEERING AND CONSULTING FIRM WHERE YOU CAN DELIVER YOUR FINEST WORK

Brown and Caldwell, a nationally recognized environmental engineering and consulting firm located in downtown Seattle, has an excellent career opportunity for a Structural Engineer to provide structural design and engineering support on water and wastewater treatment plants and other industrial facilities and structures. Are you a self-directed person who values challenging work and a creative learning environment? If so, then come be a part of our team! We are looking to hire immediately.

**Responsibilities:** Provide detailed structural engineering on design projects for new and existing water and wastewater treatment plants, as well as other types of structures. Design new structures and upgrade existing with reinforced concrete, steel, CMU, and aluminum for municipal and industrial clients. Fulfill a wide range of project needs, from preliminary to final contract documents and construction services. Support project design teams and other engineers in development of specifications, detailed drawings, reports and plans. Interact with senior staff in all disciplines. Familiarity with seismic-resistant design and requirements of the IBC 2006 are important.

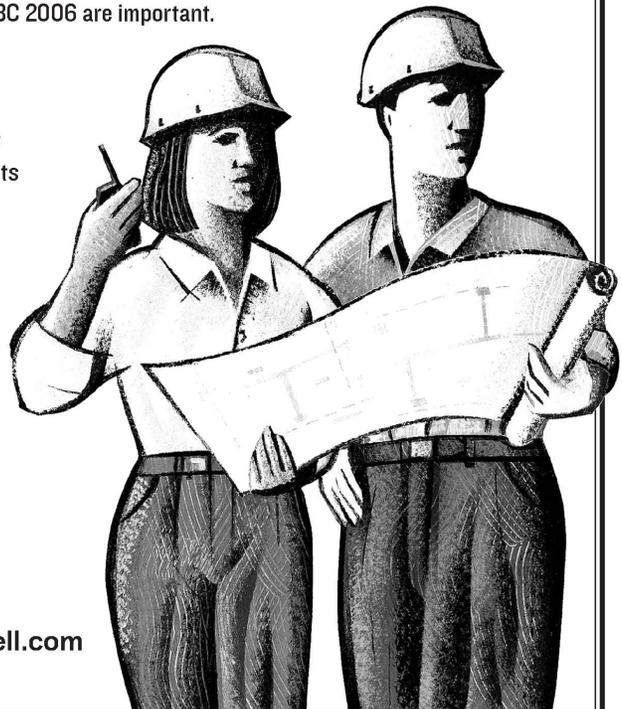
**Qualifications:** B.S.C.E (structural emphasis), 10 plus years of experience with industrial and/or commercial structures, and P.E. required. Master's degree and S.E. license in Washington or ability to obtain S.E. through reciprocity preferred. Additional requirements include effective oral and written communication skills and a demonstrated ability to use standard computer programs such as Microsoft Word, Excel, and Outlook.

**For immediate consideration** please apply on-line at [www.browncaldwell.com](http://www.browncaldwell.com) for job # 71 – Senior Structural Engineer. We offer a competitive salary, benefits and 401(k). We value workforce diversity! EOE/AA.

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[www.browncaldwell.com](http://www.browncaldwell.com)



## Explore Wind at the Winter Institute

This January, take an exclusive tour of the RDWI Wind Tunnel Testing Lab in Miami, FL when you attend NCSEA's Winter Institute. This two day session, January 23<sup>rd</sup> and 24<sup>th</sup>, will highlight continuing education involving wind engineering topics, from buildings and sports facilities to bridges and towers. Sign up for one day at \$350 or two days for only \$595 at [www.ncsea.com](http://www.ncsea.com). You can earn up to 15 Diamond Review continuing education hours which are accepted in all states (15 'Category A' SECB professional development hours).

## NCSEA Annual Conference Wrap-up

NCSEA's 2008 Annual Conference was not to be missed! The two day continuing education offered, and the events surrounding the conference, combined with a hotel that provided on-the-spot service at every turn, were top-notch.

Thursday started with a program created by the local organization, SEAoO, with topics ranging from The New Shear Wall Design Guide for Cold Formed Steel to The World Trade Center Study and Progressive Collapse. During the afternoon, the Ethics, Licensing and Continuing Education Committees held forums, to discuss current events, ideas and activities. Following, there was a hands-on welding demonstration and tour of the Lincoln Electric Plant, culminating in a reception for all Conference attendees and exhibitors.

Friday, the Conference offered a full day of lectures and exhibitor

interactions, concluding with a talk on the Burj Dubai Tower. This was followed by NCSEA's own private event at the Rock and Roll Hall of Fame + Museum.

On Saturday morning, there were a couple of lectures, along with a program focused, for the most part, on NCSEA business. The afternoon offered a plenary session, workshops, and detailed discussions on the NCSEA Code Advisory Committee's work and involvement in ICC code changes. Saturday evening, NCSEA honored its Service Award winner, Jon Schmidt, the James M. Delahay Award winner, Mike Valley, and the Excellence in Structural Engineering Award winners.

NCSEA would like to thank SEAoO for all their efforts in working with NCSEA to create an exceptional conference.

## Got Structure Magazine?

All Members of NCSEA's Member Organizations receive a subscription to *Structure Magazine*.

If you are not currently receiving *Structure*, visit the magazine's website and subscribe today:

<http://www.structuremag.org/subscriptions.aspx>

Your membership will be verified and you'll begin receiving this informative publication.

## NCSEA Webinars

### NCSEA teams up with The Masonry Society

Enhancing continuing education available online, NCSEA is presenting six webinars in conjunction with The Masonry Society (TMS). The series will start February 5, 2009 and will take place on alternate Tuesdays through April 16. Watch the NCSEA website for registration information, including the opportunity to view the six webinars for the price of five!

#### NCSEA/TMS Joint Webinar schedule:

February 5	Masonry Basics, or Masonry 101
February 19	Allowable Stress Design of Masonry
March 5	Strength Design of Masonry
March 19	Masonry Tallwalls
April 2	Reinforced Masonry Shear Wall Design
April 16	Ensuring your Masonry is Constructed as Designed



## NCSEA Excellence in Structural Engineering Award Winners

NCSEA would like to thank all of the participants in the 2008 NCSEA Excellence in Structural Awards Program. Numerous exceptional projects were submitted, making it hard for the judges to choose not only an Outstanding Project in each category, but also the finalists. For a complete list of finalists, please visit NCSEA online at <http://www.ncsea.com/Awards.aspx>.

The Outstanding Projects for each category are:

#### **New Buildings Under \$30 Million**

Toledo Museum of Art Glass Pavilion by Guy Nordenson and Associates

#### **New Buildings \$30 million to \$100 Million**

State Renaissance Court by Wexler & Associates Structural Engineers

#### **New Buildings over \$100 Million:**

Intermountain Healthcare Intermountain Medical Center by Reaveley Engineers & Associates

#### **Bridges and Transportation Structures:**

I-280 Veterans' Glass City Skyway by Figg Bridge Engineering, Inc.

#### **Other Structures:**

The Church of Jesus Christ of Latter-Day Saints Tabernacle Seismic Upgrade and Renovation by Reaveley Engineers & Associates

**Mark your calendar to enter your project next year. All entries must be received by July 17, 2009.**



**STRUCTURAL ENGINEERS ASSOCIATION  
of WASHINGTON • Seattle Chapter**

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## Membership

### Membership Applications

**Anatalia Countiss**  
Reid Middleton  
BSCE expected 6/09  
University of Washington  
Class: Student

**Rocco Koekemoer**  
CH2M Hill  
BSCE 08, UW  
Class: Associate

**Ian McFarlane**  
Magnusson Klemencic Assoc  
MS 2006 UW  
Class: Associate

**Brian Robinson**  
KPF Consulting Engineers  
BSME 2003 Cal Poly  
San Luis Obispo  
Class: Associate

**William S Williams**  
Coffman Engineers  
BSCE 05 Cal Poly Pomona  
Transfer from SEASD  
Class: Associate

### Accepted Applications

**Jennifer Ahlport**  
Associate

**Anne Dwyer**  
Associate

**Benjamin Enfield**  
Associate

**Taesam Daniel Hose**  
Associate

**Carla Keel** (Reinstatement)  
MEMBER

**Joshua Mouras**  
Associate

**Ben Reilly**  
Professional Associate

**Jason A. Thome**  
Associate

**Krysztof Zaleski**  
Associate

### Member Class Change

**John Alving**  
LIFE MEMBER

### Unpaid Membership Dues

The following Seattle Chapter members show as having unpaid 2008 dues. According to the bylaws of the chapter, members remaining unpaid at the end of the year are removed from the membership, and must pay back dues plus an initiation/reinstatement fee to be readmitted to the organization.

#### Please pay your dues today!

David Booker  
Paul Bott  
Robert Cochran  
Seth Cutler  
Theresa Daniel  
Alexandre Dehoux  
Paul Diedrich  
Marvin Emerson  
Dennis Firth  
Jeffrey Goodwin  
Brian Holloway

Jerry Jackson  
Brandon Kotulka  
Bradley Andrew Martin  
David McLean  
Benjamin Mitchell  
Jean Spangler Shortreed  
Steven Strehle  
Mark Uchimura  
Xiao Wu

**Watch Your E-mail in January  
For your 2009  
SEAW Dues Invoice!**