JANUARY 2006

JANUARY, FEBRUARY JOINT MEETINGS FALL ON HOSTS’ DATES

Announcements to be sent by mail, e-mail when meeting dates & newsletter publication dates conflict.

Our Seattle Chapter is participating in joint meetings this year with our colleagues from CSI, ACI, ASCE Geotech Group, and our own SEAW Southwest Chapter. When our meeting is hosted by another group, as it is this year with CSI, ACI and Southwest Chapter, the meeting is held on their date. This can play havoc with newsletter deadlines and publishing dates, so we’ll get announcements to our members via postcard and e-mail notification when necessary. At press time we are preparing for our January meeting with the Construction Specifications Institute (CSI) and separate notifications have been sent, so we’ll focus on available details for our February outing.

ACI TO HOST FEBRUARY MEETING

Meeting Date: Tuesday, February 7, 2006
Location to be announced

Our parade of joint meetings continues in February as the American Concrete Institute invites us to join them for a special presentation on Performance-Based Specifications for Concrete.

Lionel Lemay, PE, SE, LEED AP, Vice President, Technical Resources for the National Ready Mixed Concrete Association (NRMCA) will be the guest speaker. Mr. Lemay will outline the NRMCA’s proposal for the use of performance-based specifications for concrete construction as an alternative to traditional prescriptive specifications. In addition to exploring the common problems and their consequences in concrete specifications, he will present a sample performance-based specification using current building code requirements.

Lionel Lemay is a Registered Professional Engineer and Structural Engineer in the State of Illinois, and a LEED Accredited Professional. He is a member of the American Concrete Institute, the Construction Specifications Institute and is chairman of the American Society of Civil Engineers Concretes and Cementitious Materials Committee. Mr. Lemay holds a bachelor’s and master’s degree in civil engineering and applied mechanics from McGill University in Montreal, Canada.

Watch your e-mail and the SEAW website for further details.

CHANGES IN THE WORKS FOR SEAW WEBSITE

We are pleased to announce that work is underway to integrate the SEAW membership database and our website. We’re confident that this move will provide additional benefits to our membership, including a members-only portion of the website where you’ll be able to access member listings in a new online roster, make changes to your own membership record, view an online job board, and sign up for dinner meetings and seminars online. Also in the works is a new electronic dues invoicing system which will allow for secure online payments. We hope to have the new website ready to “go live” around January 30. Invoices for 2006 membership dues will be generated shortly after. Stay tuned for further developments.
It’s a new year, and many of us have made resolutions. My resolution is to continue my lifetime quest for the perfect equilibrium. By perfect equilibrium I don’t mean the perfect edition of this newsletter, and I’m not trying to relive the sixties; believe me, the sixties were about other things than ties; believe me, the sixties.

By perfect equilibrium I mean finding the perfect balance of time in our life between work, family, friends, faith, and ourselves. For many it is an easy task, for many others it can be an insurmountable daily challenge.

It’s a new year, and many of us have made resolutions. My New Year’s Resolution: Make another resolution this year – become active in SEAW, whether it’s attending one more dinner meeting, joining the Young Member’s Forum, attending a SEAW seminar, or occasionally participating on one of the many active committees. By becoming involved in SEAW you will discover another family and group of friends, and develop a greater faith that SEAW really makes a significant contribution to our profession. In other words, you will get closer to reaching perfect equilibrium.

Personally for me involvement in SEAW has helped me achieve equilibrium. Many late afternoons with the phone ringing and deadlines looming I debated whether I had time to attend an evening meeting. Reflecting on the drive home I was always glad I attended. I met others at the dinner table that were battling the same Code interpretation problems or client frustrations as I. From the presentation (and especially now with the mini-seminars) I always left learning at least one thing that would help me determine the best direction to take to reach better equilibrium on a project.

It’s not too late for you to make another resolution this year – become active in SEAW, whether it’s attending one more dinner meeting, joining the Young Member’s Forum, attending a SEAW seminar, or occasionally participating on one of the many active committees. By becoming involved in SEAW you will discover another family and group of friends, and develop a greater faith that SEAW really makes a significant contribution to our profession. In other words, you will get closer to reaching perfect equilibrium.

Happy New Year!!!

Scott Douglas, 2005-2007 Seattle Chapter director
sdouglas@dci-engineers.com

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*Denotes Statewide Committee

**Contact a Committee Chair Today!**
**Company Spotlight: HDR**

National consulting firm HDR is an integrated professional services company with architecture, engineering, environmental science, consulting, planning, and construction management services, that provide solutions beyond the scope of traditional architecture-engineering-consulting firms.

For more than 85 years HDR developed these and hundreds of other specialties on projects such as Hoover Dam, the Pentagon, and a massive watershed project on Florida’s Lake Okeechobee.

Before HDR there was Henningson Engineering, which was founded in 1917 by H.H. Henningson, an Iowa State University graduate and one-time Montana cowboy.

Steeped in municipal power, street, and water system design, Henningson Engineering survived the Depression winning public works contracts and prospered during World War II designing military facilities. After the war, fellow ISU alums Willard Richardson and Charles Durham joined Henningson to form the management nucleus of HDR.

During the 1950s and 60s HDR strengthened its architecture business and by the 1970s was a national firm with international projects on its resume. In 1974 HDR worked on the U.S. Navy’s $750-million TRIDENT submarine base in Puget Sound. A year later HDR settled in Seattle after acquiring architecture firm Durham, Anderson and Freed.

Headquartered in Omaha, Nebraska, HDR is an employee-owned company with more than 4,500 people, 100 offices, and 2004 revenues exceeding $585 million. Outside Seattle, HDR’s Washington offices are in Port Orchard, Pasco, Mt. Vernon, Olympia, Kennewick, and Spokane. Hundreds of engineers work in these locations including SEAW members Paul Bott, Joyce Lem, and Dave Korpi.

HDR
500 108th Ave NE
Suite 1200
Bellevue, WA  98004
www.hdrinc.com

Chad Green, P.E., SEAW Member since 2002, is our Company Spotlight Coordinator. If you would like to see your company in the spotlight, e-mail him at chad.green@kpff.com.

**PROJECTS**

**Northeast Eighth St. Bridge, Bellevue**

On this high-volume arterial connecting Bellevue and Interstate 405, a new bridge was needed to make room for high-occupancy vehicle connector ramps. There was no place for long-term closures.

HDR engineers devised a solution avoiding a potential 15-month closure when two bridge sections — each weighing more than 4 million pounds — were built onsite and rolled into place. During 12 months of construction the bridge was closed for only one weekend.

**Capitol Way Fisheries Monitoring, Olympia**

Olympia’s earthquake-damaged Fourth Avenue Bridge on Puget Sound was closed in 2001 for emergency construction of a temporary bridge. HDR-FishPro was hired as the project’s fisheries monitor.

Of concern was the impact that pile driving would have on water quality and wildlife, specifically Chinook salmon covered by the Endangered Species Act. An HDR biologist completed a report that is still used to assess impacts on fisheries.

**Henderson Pump Station and M.L. King CSO Project, Seattle**

Following an engineering evaluation of overflow problems, a new wastewater storage and treatment tunnel – as well as pumping improvements – were completed at the Henderson Pump Station and M.L. King Combined Sewer Overflow (CSO) Project in Seattle.

HDR provided pre-design, design, and engineering services during construction. The project now diverts water through the new conveyance system and prevents overflows into Lake Washington.

HDR
500 108th Ave NE
Suite 1200
Bellevue, WA  98004
www.hdrinc.com

Photo courtesy of HDR-Vince Streano.
Craig Curtis – An Architect’s Perspective on Wood Construction

By Scott M. Adan

When does wood become more than simple structural support, but part of an expressive structural system? During the November SEAW program, Craig Curtis provided a measure of insight. As a partner of Miller/Hull Partnership, Curtis has imprinted his ideas and forms on wood structures around the region and beyond.

The SEAW November meeting, hosted by the Young Member Forum, was held at the rebuilt Merrill Hall on the University of Washington campus. Curtis, was design partner on the rebuilding of Merrill Hall, show casing the project during the meeting and presentation.

Merrill Hall at the University of Washington’s Center for Urban Horticulture, was rebuilt nearly four years after an arson attack ruined the building and set back research, teaching and outreach. The center is known for horticultural research and public education, preserving Washington’s endangered plants and restoring degraded urban landscapes.

The center is slightly larger now at 20,000 square feet compared to its previous 17,000 square feet of space. It houses the Miller Library, the Washington State University-King County Cooperative Extension Service’s Master Gardener program and foundation, the Hyde Herbarium and faculty offices and laboratories.

It’s the first project on the UW’s Seattle campus to receive Leadership in Energy and Environmental Design, or LEED, Silver Certification from the U.S. Green Building Council. The building earned points for everything from rooftop plantings that reflect heat to low-flush toilets to an irrigation system linked to the campus weather station so sprinklers only turn on when needed.

New features also include a system to recycle stormwater, energy-saving natural ventilation and solar panels, and recycled and renewable products. “The building demonstrates a variety of good wood uses,” said Curtis. “A number of certified wood products were specified as well as furniture hand crafted from salvaged urban trees.”

It’s been over four years since May 21, 2001 when domestic terrorists firebombed the center under the mistaken belief that one of the researchers was genetically engineering trees. He wasn’t. Now a member of the biology department, his office is no longer at the Center.

Curtis was also the design partner on the Olympic College, Shelton project. This 8,000 square foot building typifies the union of the natural and built environment.

Environmentally conscious “green architecture” strategies were used in both site planning and building design. The result is the beginning of a campus that is ecologically sound and derives its character from the existing naturally wooded setting.

Originating in the heart of the Pacific Northwest, Miller/Hull’s designs have been said to represent the next generation of regional modernism, also known as the “Northwest style.” A woody or natural theme, sharp lines and classic boxy shapes characterize this style. Materials are inspired by the rugged landscape and evergreen colors of the region.

The American Institute of Architects (AIA) announced in 2003 that Miller/Hull had won its Architecture Firm Award. This is only the second time in the award’s 40-year history that it has been bestowed upon a Pacific Northwest firm. The award is given annually to recognize a practice that has consistently created outstanding architecture. In nominating the firm, AIA Vice President Bruce Blackmer commented, “In an era when buildings look the same worldwide, Miller/Hull has inspired architects around the globe to respond to the unique characteristics of their own regions.”

Cuts also highlighted the design of the Bainbridge City Hall. Miller/Hull designed this 24,000 square foot facility for the newly formed City of Bainbridge Island in 2000. The building consolidates the Executive/Legislative, Finance and Administration, planning & Community Development, and Public Works Departments.

Design issues included the desire to fit the building into a mostly residential scaled street, and to respond to the local vernacular architectural character. In addition, there were strong public sentiments...
Meetings, Seminars

RECAP — Continued from page 4

that the building not be an expensive monument, yet still have a strong civic presence.

Curtis grew up in Eastern Washington and attended Washington State University. After living and working several years in San Diego, he joined the Miller/Hull Partnership in 1987. In 1994, he became the fourth partner in the firm. “As architects, engineers and planners we can each do our part, through sustainable building practices, to reduce the impact of building on the environment,” said Curtis. He is currently working on projects in Washington DC and Scottsdale Arizona as well as several projects closer to home in White Center and Port Townsend.

Scott Adan is a structural engineer with KPFF Consulting Engineers in Seattle WA. He is a professional associate member and is the Editor of the Equilibrium. Scott may be contacted at scott.adan@kpff.com.

Save the Date: SEAW to hold Cold-Formed Steel Seminar on March 16, 2006

SEAW is planning a 3/4-day seminar on Cold Formed Steel, to be held Thursday, March 16, 2006 at the Doubletree Inn, SeaTac. Registration will begin at 7:30 AM, with the seminar running from 8:00 AM to 3:15 PM.

Speakers will discuss code design developments in lateral and gravity cold-formed framing systems, and will share specific project examples. A panel discussion will follow to answer participants’ questions. Vendor display tables will contain important product information for practicing engineers.

Watch for further details and registration information!

Design and Construction of Sheet Piling Structures

Presented by ASCE Geotech Group on February 9, 2006 8:00AM to 5:00PM at the Sheraton Bellevue Hotel.

This one-day seminar presents concepts for the design and construction of steel sheet pile structures. Topics range from practical field problems, to recent research in the field and product advancements in the steel sheet pile manufacture and design.

Upon completion the participant will be able to:

• Demonstrate proper use of the terminology related to steel sheet piling structures.
• Identify design parameters and site factors used to design steel sheet piling structures.
• Identify sheet piling characteristics used to select U-shape and Z-shape sections.
• Explain why new design methods are required.
• Apply the procedures and methods for the new design criteria.
• Evaluate computerized design methods for the sheet piling structures.

For more information visit the Geotechnical Group site at www.seattlegeotech.org

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Meetings, Seminars, Announcements

SEAW SW Chapter Tradeshow
Mark your calendar for the 10th Annual SEAW Southwest Chapter Tradeshow being held February 15, 2006 from 3:00 p.m. to 8:00 p.m. at the Greater Tacoma Convention and Trade Center. This event is open to members of SEAW, AIA, and all other interested design or technical professionals. The Seminars and Tradeshow are free for pre-registered attendees. See Page 12 for details.

EERI Presents: Seismic Performance of Existing Concrete Buildings
The Pacific Earthquake Engineering Research (PEER) Center has developed a new Earthquake Engineering Research Institute (EERI) technical seminar: “New Information on the Seismic Performance of Existing Concrete Buildings.” One-day seminars will be held on January 12, 2006 in San Francisco; February 10 in Bellevue, Washington; and February 13 in Los Angeles.

The seminar focuses on concrete buildings designed prior to modern codes. Lack of ductility and other deficiencies in some of these buildings can lead to severe damage and a potential for collapse during earthquakes. However, not all buildings are dangerous; simple, conventional analysis procedures are often not capable of identifying the ones that are. The researchers at the PEER have been engaged in an effort to advance performance-based earthquake engineering. These procedures are particularly effective in addressing the problems of concrete buildings.

Insight into the practical aspects of PEER research will be provided by John W. Wallace of the University of California Los Angeles, Gregory G. Deierlein of Stanford University, Kenneth J. Elwood of the University of British Columbia, and Jack P. Moehle of PEER and the University of California Berkeley. Practicing design professionals will gain valuable information from the seminar that can be put to work on projects immediately.

The registration fee is $200 for members of sponsoring organizations and $250/nonmembers.

For more information and to register online, visit: www.eeri.org. This seminar is funded by FEMA and is co-sponsored by NCEA, SEAW, SEAOC, SCEC, and the California chapters of EERI.

Washington St Engineering Science and Technology Fair
Feb. 18-19, 2006
The Puget Sound Engineering Council (PSEC) is hosting the 2006 Engineering Fair in conjunction with the local chapters of engineering societies, universities, and the Museum of Flight, which is the new location for this year’s fair.

The Fair will have display booths in the center of the mall, staffed by practicing engineers and technical people representing many types of engineering disciplines. In addition, the Fair also features the Popsicle Stick Bridge Load Competition sponsored by the American Society of Civil Engineers.

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 18-25, 2006.

For more information visit the PSEC website at: http://pseconline.org/fair.html and the National Engineers Week site: http://www.eweek.org/

AISC Seismic Provisions Online

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ENGINERS

Seattle Structural Engineers

Seattle Structural P.S Inc is a growing firm with a bright, seasoned engineering staff. Among what we consider to be our strengths are our emphasis on client service, the diversity and complexity of projects and the collaborative interaction of our 10 professional staff. We are looking for engineer candidates with 8+ years of experience that can share in our vision of client-minded interest and hard working enthusiasm. Located in downtown Seattle with opportunities to work on both domestic and international projects (Asian languages are a plus) we could be just the kind of change that you’re looking for.

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Contact Melissa Shelton; melissa@ckcp.com; Cary Kopczynski & Company 10500 N.E. 8th Street; Suite 800, Bellevue, WA 98004 Phone: 425/455-2144, Fax: 425/455-2091

STRUCTURAL ENGINEER

BTL Engineering is a small structural engineering firm located in Woodinville. We are looking for an enthusiastic, goal oriented, open-minded structural engineer interested in becoming an important member of our team. Communication skills and familiarity with different design materials are important. Our clientele is architectural firms, contractors and developers and our projects include a wide variety of building uses, materials and design challenges. Please send a cover letter and resume to eric.dann@btlen. Continued on page 9

DMJM HARRIS

DMJM Harris, an AECOM Company recognized in the ENR 2004 as the #1 Transportation Engineering Firm in the US, has immediate openings for Entry/Mid/Senior Level Civil Engineers for the following offices: Washington-Seattle and California Offices - Los Angeles, Orange, Ontario, Sacramento and Oakland.

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Quantum Consulting Engineers, a downtown Seattle structural engineering firm, is seeking project engineers to design structures in concrete, steel, masonry, and wood. Successful candidates must be able to prepare structural calculations and construction drawings for commercial, residential, industrial, and public-building projects. Experience in structural detailing, seismic design, and evaluation of existing structures is a plus. Applicants must hold a B.S. in engineering and have 2 to 10 years’ experience. A P.E. license is preferred but not required. Salary range: $43,000-$70,000 annually.

Quantum Consulting Engineers is a dynamic and growing firm with a strong client base and a commitment to client service. We offer a friendly and supportive work environment with opportunities for personal growth and advancement. We provide a comprehensive benefits package, including health insurance, a retirement plan, transportation benefits, and funds for professional licensing and seminars.

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Experience in large multi-family and commercial structures is a must. You will be responsible for the leadership and development of the Structural Engineering Department and project management including client relations, planning and design, budgeting, and project staffing. You will have direct design responsibilities for your own projects. You will work with the firm principals in the development of new business.

Design experience should include reinforced concrete, post-tensioned concrete, wood and steel. Opportunities exist for bridge and other design work as well. We are currently under contract for the design of over 1000 apartments units in 6 projects all with subterranean/elevated parking, and commercial space.

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Kramer Gehlen & Associates, Inc., a thirty-five person structural engineering firm in the Vancouver, Washington/Portland, Oregon area, is seeking to fill an Engineer-in-Training position. The successful applicant will assist in the design of a broad range of structures and must have a strong understanding of design principles in concrete, steel, wood and masonry design, with excellent technical and communication skills (both written and verbal). Salary will be commensurate with experience and capabilities.

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Please send resumes to: Andy Herrick, Sliderule Engineering Works, Phone: 206.728.4844 Fax: 206.728.7643 andy@sliderule.biz

Sr. STRUCTURAL ENGINEER
Reid Middleton is an established Puget Sound engineering, planning, and surveying firm with over 50 years service to public and private clients throughout the Pacific Northwest and Alaska. We have a wide variety of projects focusing on airports, waterfront development, military, roads, schools and industrial development.

We are seeking a Senior Structural Engineer for our Everett, Washington, Office.

JOB DESCRIPTION: Develop project proposals, budgets, estimates, and schedules. Lead a team of junior engineers to engage in the structural modeling, analysis and design of airport, civil, waterfront, and surface transportation projects. Produce construction drawings and specifications. Responsible for construction administration, and monitoring ongoing small-scale and large-scale structural engineering projects. Apply principles of structural engineering including static and dynamic behavior and stability of structures. Utilize computer assisted modeling, analysis and design software.

REQUIREMENTS: Must have a Bachelor’s Degree in Civil or Structural Engineering or related field of study plus eight years of experience in the duties of the job offered, or eight years of experience as a Structural Engineer, with experience in the following:

- Developing project proposals, budgets, estimates, and schedules;
- Structural modeling, analysis and design of civil engineering and construction projects utilizing structural engineering principles, including static and dynamic behavior and stability of structures, and computer assisted modeling, analysis and design software;
- Producing construction drawings, blueprints, and specifications;
- Construction administration during build phases
- Must be registered as a Professional Engineer in the State of Washington

Experience may be gained concurrently. Any suitable combination of education, training, or experience is acceptable.

Please indicate job # with your resume.

Apply to: Attn: HR/Job #11-05SE Reid Middleton, Inc., 728 134th Street SW, Suite 200 Everett, WA 98204 jobs@reidmid.com

STRUCTURAL ENGINEER
Location: Oregon (must be willing to travel to all Intel locations where construction is being performed)

Continued next page
Opportunities

STRUCTURAL ENGINEER

MLA Engineering provides structural engineering design and consulting services for local, regional and national projects. We have an immediate position for an engineer with 3 to 10 years of experience designing buildings, tree houses, aquariums, and other unique structures. Engineers who are motivated to use their technical, organizational, and communication skills and work well with a small group of professionals will find this a rewarding position. Interested individuals please contact Michael Leonard at 206-264-2727; email: mleonard@mlaengineering.com

MLA Engineering is an Equal Opportunity Employer.

MLA Engineering, plc
1411 Fourth Ave, Suite 1111
Seattle, WA 98101

STRUCTURAL ENGINEER

Anderson-Peyton Engineers (23-year firm) is seeking junior and senior level Structural Engineers for our Federal Way Office. Sr. Engineer/Project Manager position for 5+ years of experience in post-tension concrete design. Project Engineer for cold-formed steel light frame projects. Jr. Engineering positions for 2+ years preferred in general light framed construction projects. Opportunities to work on a wide variety of project types will include multiple construction materials utilizing wood, concrete, steel, cold-formed steel, and masonry. Rapid growth potential. Progressive benefit package. Fax resume to 253-941-9939 or email Resume to ssells@anderson-peyton.com

Bridge Engineers

CH2M HILL is committed to moving the Northwest into the future! Our highway and bridge staff offers a full spectrum of services, from transportation planning to design and construction services for some of the most complex highway and bridge projects in the world. We help our clients achieve their objectives of cost-effectiveness, efficiency, safety, and flexibility. We need your talents to deliver high-profile transportation projects to help our clients build a better world.

Senior Bridge Engineer/Project Manager – Bellevue

You will lead the design and delivery of complex bridge and highways structures projects using both traditional and design/build delivery formats. Needs 15+ years experience, Washington PE, proven leadership skills and WSDOT project history.

Bridge Engineers – Bellevue, Boise

Responsible for structural analysis and design, and plan preparation for bridges, retaining walls, utilities, piers, wharves, bulkheads, and related waterfront structures. This mid-level position requires an MSCE with 4+ years’ experience and/or marine structures design work history, PE desired.

Entry Level Bridge Engineers – Bellevue, Boise

As a member of our Structural Engineering team you will perform structural analysis, seismic design, and plan preparation for bridges and transportation related structures. Requires MSCE with EIT, desire to focus your career on...
bridge engineering, and have attention to detail. Our positive, employee-owned culture helped the firm be named 2003 as one of Fortune magazine’s “100 Best Places to Work” and 5th among “Most Admired” Engineering and Construction companies in 2005. In addition to excellent benefits (including stock plan, incentive pay, relocation assistance and more), CH2M HILL offers the opportunity for personal and professional growth, challenging projects, and the latest technology. View details of our employment opportunities and apply at www.ch2m.com. For more information contact Jonda Franklin at (425)-233-3208.

PROFESSIONAL ENGINEER

Truss Components, Inc. is currently seeking an experienced Professional Engineer to oversee Engineering for our 3 truss manufacturing plants located in Cornelius, OR, Redmond, OR, and Tumwater, WA. Candidate must have current PE certification. Due to this being a new position chosen candidate will have his/her choice of plant locations upon hiring. Experience with Alpine Homebase helpful but not necessary. We offer an extensive Benefit package including: paid vacation, medical, dental, vision, life insurance, disability, and 401K with very generous employer match. Competitive salary will be offered. Please send cover letter, resume and salary requirements to:

Truss Components of Oregon, Inc., Attn: Cassie Seed
PO Box 468
Cornelius, OR 97113
503-357-2118
E-mail Cassieseed@trusscomponents.net

STAFF ENGINEER

M.A. Wright, LLC, a Capital Hill structural engineering firm specializing in existing buildings (evaluations, tenant improvements, seismic upgrades) is in need of a staff engineer. This is a permanent, full-time position with flexible work environment and benefits. Two to ten years of experience is desired. Salary - DOE.

Please reply to HR@mawright.com
No calls please.

CRSI Offers Scholarships

The Concrete Reinforcing Steel Institute Foundation is pleased to announce the availability of scholarships for the 2006-2007 academic year. The scholarships are intended to foster the development of practicing engineers in the field of site-cast concrete construction.

CRSI plans to award scholarships in the amounts of $2,500 each to senior-level students who are majoring in Civil or Architectural Engineering; and $3,000 each to incoming graduate students (master's degree program) in Civil, Structural, or Architectural Engineering.

Additional information regarding the 2006-2007 scholarship programs is available by contacting Lisa M. Kelly, Concrete Reinforcing Steel Institute, 933 N. Plum Grove Rd, Schaumburg, IL 60173-4758; e-mail lkelly@crsi.org, or phone 847/517-1200, Ext 14. The deadline for receipt of applications is June 7, 2006.

ATC Publishes Postearthquake Field Manual 2nd Ed.

The Applied Technology Council (ATC) announces the ATC-20-1 Field Manual: Postearthquake Safety Evaluation of Buildings, Second Edition, can be obtained from the Applied Technology Council, 201 Redwood Shores Parkway, Ste 240, Redwood City, CA 94065 (phone 650/595-1542, fax 650/593-2320, e-mail ATC@ATCouncil.org; Website & Online store: www.ATCouncil.org). Price: $24.00 per copy (plus shipping & sales tax).
10th Annual SEAW Southwest Chapter Tradeshow
February 15, 2006 • 3:00 PM—8:00 PM
Greater Tacoma Convention & Trade Center
1551 Broadway, Tacoma
Register by February 3rd to get in FREE
Admission after February 3rd, $10.00

This event is open to members of SEAW, AIA, and all other interested design or technical professionals. The Seminars and Trade-show will include Exhibitor Presentations, Vendor Display Areas, Vendor seminars, Complimentary Buffet and Beverages.

The tradeshow is a great place to pick up the latest product literature for numerous locally established vendors, or expand your knowledge of products currently available to help resolve modern architectural and engineering challenges. In addition to the vendor display areas, several vendor seminars will present varied state-of-the-art construction and engineering practices.

To register
e-mail seawswchapter@comcast.net or leave a message at (253) 565-0769.

For an updated list of all registered vendors or additional trade-show information, visit the SEAW tradeshow web site at http://home.comcast.net/~seaw_tradeshow

Our annual tradeshow is the primary fundraiser for the Southwest Chapter of SEAW, which is a non-profit organization. Proceeds from this event go towards scholarships and an equipment grant for Saint Martins University in Lacey.