It recently occurred to me that some of you may not be aware of the benefits of being a member of ASCE. I wanted to take a few moments and jot down a couple of these benefits and hopefully spark some interest in you to review the website and find out more. I know that with limited funds and time we must all be a little choosy about what groups we participate in. With all the benefits I am sure you are aware that ASCE provides; PDH hours, networking opportunities, civil engineering magazine, and representing our professional interest on capitol hill to name a few. There are some other benefits you may not know about, for instance, you can get up to 8% off your car insurance through Geico just by being a member. There are also group term life and health plans assisting members with more cost effective life insurance, dental insurance, group disability and a number of other insurance needs. They can help you with your financial goals as well. Also look into the programs offered by US Bank and the advisory services offered by Grogan. There are discounts on rental cars from Hertz, Avis and Alamo as well as shipping discounts through DHL. They can even help you explain exactly what it is you do to children at your local schools through the Building Big and Zoom into Engineering programs. No, I do not drive a train. Unfortunately there are no help programs for our preferred style of dress or our fondness for pocket protectors and all things gadgety. So next time you have lunch at your desk spend a moment and look over the www.asce.org website and follow the member’s link.

Curt McCuistion, P.E., LEED-AP
ASCE Utah Section President
Northern Utah Branch

Thanks to everyone that helped make the opening social golf tournament and dinner a real success! The golf team comprised of Utah State University Engineering students had the best overall score. For October the Northern Utah Branch will hear a presentation by Than Jones from CH2MHILL pertaining to the Logan Canyon Water Line project. The presentation will be held at the Bluebird Restaurant in Logan at noon on Thursday October 2nd. A tour of the different areas of the construction site will be available immediately following the completion of the presentation. The Bluebird Restaurant has agreed to allow everyone to pay from the table rather than at the cashier. Hopefully that change will allow the attendees to return to work a little earlier than usual.

Danny Macfarlane  
Northern Utah Branch President

Wasatch Front Branch

Thanks to all who attended the September luncheon. We had an excellent turnout with over 90 people for our first topic, Mountain View Corridor. Thanks to Ed Rock and William Stringer from PB for their excellent presentation. Our next meeting will be held on October 17, 2008 at noon at Desert Star Theatres, 4861 South State St., Murray. The speaker will be Ralph Jackson from the Capital Development Department of UTA. Ralph will speak to us about current and upcoming transit projects in the Salt Lake Valley. Hope you can join us!

Erin Donovan, P.E.  
Wasatch Front Branch President

Have Something to Say?  
Email Me!  
Kelly Burns  
Civil Source Editor  
KellyMichelle3@hotmail.com
Central Utah Branch

We would like to thank Curt McCuistion for giving his presentation during our September luncheon. Curt provided a great summary of Leadership in Energy and Environmental Design (LEED), with a focus on how we, as civil engineers, can incorporate LEED into design projects we are working on. He informed us on the quantity of LEED design work that involves civil engineers and how we can become more involved to assist with the rapidly growing concept.

Our next luncheon is scheduled for Thursday, October 16th. We will provide more information on the speaker and location as it becomes available.

Eric Dixon, P.E.
Central Utah Secretary-Treasurer

Southern Utah Branch

Our September meeting was very informative. The St. George City Public Works Director, Larry Bulloch, spoke about the New Orleans levee and canal system which protects that city from most floods. The Army Corps of Engineers are repairing the damaged levees caused by hurricane Katrina, upgrading the under designed levee segments, as well as adding improved surge protection gates. Larry attended the APWA National Congress held in New Orleans recently and brought back first-hand knowledge of the massive public works project underway. We can all learn from the catastrophic failures in New Orleans. Larry reminded us of our opportunity (and obligation) to think beyond budget and politics when managing projects in order to deliver what is best based on sound engineering principles (and common sense). He also brought to light the importance of long term planning and maintenance of our infrastructure.

Our next meeting will be Thursday, October 16th at Staheli’s Catering Town Hall building, 15 North 300 West, Washington, UT 84780 at 12 noon. The topic will be “Concrete Pavement Alternatives” to discuss the current market crunch with asphalt pavement prices and availability. Mitzi McIntyre with the Association of Concrete Producers will be presenting this information about concrete pavement. There is a correction to our July golf prize winners. Jerry Amundsen won the closest to the pin contest. Apparently, there was some fun going on with the scorecards too. Thanks again to all the players who turned out.

Sincerely,
Elisabeth Whitlock, PE
President, Southern Utah Branch

Geotechnical Group

The Geotechnical Group does not have any announcements for October.
## Younger Member Forum

The YMF will also be holding its’ annual Fall BBQ on October 3rd, 2008 starting at 6:00 pm. It’s free for everyone and we encourage everyone to bring a friend or your family. This is a change from previous years so please mark your calendar. Once again we will be up Mill Creek Canyon, look for the ASCE banner. Plan on the usual cooler weather, good food, great company, pumpkin carving, and various games.

Elections for next year’s officers will be held at the Fall BBQ. Those wishing to get involved with the YMF in an officer’s position, please contact Joe Serre at (801) 440-4168.

The fall P.E. Exam Review is going full steam. There are still two weeks left in the review course and the exam is scheduled for October 24th, 2008. The YMF wishes good luck to everyone that is studying to take the exam. We hope your efforts are rewarded.

Joseph Serre  
Younger Member Forum President

## Structural Engineering Licensing Laws and Certification – How It Affects You

### Written by Ken Petersen, SEAU

The Structural Engineers Association of Utah (SEAU) will be meeting on Thursday, October 16, 2008 at the University of Utah WEB 103 to discuss the new Structural Engineering Licensing Laws and Certification. ASCE members are invited to attend. There is no cost.

Discussion on SB200 – Professional Engineers Licensing Amendments - went into effect in the state of Utah on May 5, 2008. Learn how this affects you and future work in the field of structural engineering.

In addition a member of the board of the National Council of Structural Engineers will be present to discuss the status of the Structural Engineers Certification Board and the future of structural licensing in the country.

## Get Thee Registered!

### Written by Margie De Laurell, SUB

Two previous co-workers of mine from Colorado and Nevada have recently contacted me because they were laid off from their jobs due to “the slow economy.” David has 18 years civil design experience and is one of the best engineers I know. Maria has over 3 years experience as a drainage engineer and 5 years in the power industry overseas; she’s quick-to-learn, bright, even has a Master’s Degree in Financial Management. They are both looking for new positions but are having a hard time getting in the door because THEY DON’T HAVE THEIR PROFESSIONAL ENGINEERING LICENSE! They both have good excuses why they aren’t licensed....out-of-country education, too much work, etc. David and Maria regret buying into their own excuses.

Since graduating from engineering school in San Diego in 1995, I’ve lived and worked in four states. It has always been easy for me to get new jobs and I’m sure one of the reasons is because I had a California PE license. Most employers give new workers several months to apply for and receive reciprocity from the local state boards.

This is a reminder to all EITs to take the PE exam as soon as possible. Check the website http://www.els-examreg.org/state_info.php?state=Utah for more information. Note that for first-time PE test takers, the pre-approval application is accepted at all times during the year. However, in order to be considered for an upcoming examination, you must ensure your application and transcripts are received no later than February 1 for April exams. So get the paperwork started now!

2008 Utah
## Civil Source Calendar

### October

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</table>
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http://sections.asce.org/utah/index.htm
You have recently received an invitation to our first Civil and Environmental Engineering conference at BYU, sponsored by the BYU/CEEn Scholarship Society. We are excited about the opportunity this presents to our engineering alumni as well as the department and current students. As previously indicated, all proceeds from the conference will go directly to the department scholarship fund.

As one of the primary sponsors of the Life-Long Learning Conference scheduled for October 8-11, 2008, I am writing to encourage your participation in this first annual professional development conference. This opportunity includes presentations from leading professionals in their fields and many never before heard presentations on topics that impact engineers at every level of practice. As shown on the attached registration form, special guests and speakers include John Njord, Tom Warne, Blaine Leonard, Clint Topham, Roger Alworth, Dan Dixon, Fred Nelson, Jeff Armstrong, Brent Farr, and several of the BYU Civil Engineering faculty. Several prominent engineering firms have chosen to sponsor this event because they see the value of having local education opportunities and the potential exposure this conference brings to the Utah area.

We realize the short notice for the conference, but we had the usual challenges of starting something new and the bureaucratic steeple chase associated with it. We also realize the economic challenges currently facing engineering firms. However, if you can find it in your budget and schedule, we need your support. The early bird registration has been extended to October 1, 2008 to keep the costs down and I would encourage you to identify at least 2-3 people from your staff who can participate in this important conference. We hope in turn, you will be amply rewarded and informed. We plan on making this a biannual event as we build momentum and develop a sense of unity and purpose amongst alumni and faculty.

You may mail your registration form to BYU Civil Engineering, Scholarship Society, 368 Clyde Building, Provo, UT 84602, or visit our on-line conference website and register at www.et.byu.edu/ce. For questions, contact us as per the information listed below, or Janice Sorenson at janice_sorenson@byu.edu, 801-422-2811.

Thank you for your consideration.

Neil O Anderson, President
neil@noanderson.com
(209) 367-3701

Steven K Noble, Conference Chair
snoble@dowl.com
(907) 562-2000
Conference Purpose
Life-long Learning is necessary to keep engineers performing at their potential and competency. This conference is specifically designed to provide immediately applicable technical and professional information for engineers at all levels. Furthermore, the conference is intended to reach out to BYU alumni and the general engineering community to renew acquaintances, provide networking opportunities, and to reconnect with former classmates and the Department of Civil and Environmental Engineering faculty and staff. All proceeds from this conference will go to the BYU Civil & Environmental Engineering Scholarship Endowment that is dedicated to supporting engineering students attending Brigham Young University.

Expected Learning Outcomes
Three professional tracks are being offered at the conference. Track 1 is a abbreviated PE Renewal course that will review the basics of each of the major areas included in the PE Exam. Track 2 will be a Management program that will focus on subjects applicable to project managers, principals, and current/future leaders of engineering companies. Track 3 is a Technical Program that is focused on state-of-the-practice topics taught by BYU CEEn faculty.

Professional Development Hours
Attendees have the opportunity to earn professional development hours (PDHs). 1 PDH for each hour of session attendance or presentation for a total of 15.5 PHD’s possible.

Who Should Attend?
Anyone interested in the professional development sessions is welcome to attend. Whether you are a recent graduate or the manager of a large engineering firm, this conference covers a wide spectrum of topics that can help you in your profession and provide opportunities to network with your peers. All alumni are specially encouraged to attend.

Registration
Online Credit Card Registration at www.et.byu.edu/ce (website includes detailed conference information)
If paying by check, mail to Scholarship Society, BYU Civil Engineering, 368 Clyde Building, Provo, UT 84602.
- Full Conference @ $550 Per Attendee (September 9th or after) $____________________
- Day-1, Full Day (w/ sessions, lunch, Thurs. evening banquet) @ $300 $____________________
- Day-2, Full Day (w/ 4 Sessions, Lunch) @ $275 $____________________
- Saturday, Tour of LDS Structures in SLC @ $25 $____________________
- Optional Activities
  * BYU Homecoming Spectacular, Marriott Center 8:30-12:00 am BYU Homecoming Parade / Tour of LDS Structures in SLC, Tour of Hinckley Center
  * BYU Homecoming Football Game: BYU vs New Mexico; LaVell Edwards Stadium 4:00-8:00 pm BYU Homecoming Football Games: BYU vs New Mexico; LaVell Edwards Stadium
  * Tabernacle Choir Broadcast (be seated by 8:30 am in the Tabernacle) 9:00-10:00 am BYU Homecoming Parade / Tour of LDS Structures in SLC, Tour of Hinckley Center
  * BYU Homecoming Spectacular, Marriott Center 7:30-9:30 pm BYU Homecoming Spectacular, Marriott Center

Sponsors
JULB Engineers, Inc. Armstrong & Associates
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Tomi Wann & Associates, LLC

Full Conference @ $550 Per Attendee (September 9th or after) $____________________
Day-1, Full Day (w/ sessions, lunch, Thurs. evening banquet) @ $300 $____________________
Day-2, Full Day (w/ 4 Sessions, Lunch) @ $275 $____________________
Saturday, Tour of LDS Structures in SLC @ $25 $____________________
Optional Activities
- * CEEn Annual Fish Fry / rsvp, www.et.byu.edu/ce/families welcome (Cost: By Scholarship Donation Only)
- BYU Homecoming Spectacular (Thu/Fri) Tickets: On-line @ http://home.byu.edu/webapp/ybustaickets, phn 1-800-322-BYU
- BYU Homecoming Parade, Sat 9:00 am, University Avenue
- * CEEn Student Chapter Annual Tailgate Party (Cost: By Donation Only)
- BYU Homecoming Football Games: 4:00 pm, non-block individual seating, on-line @ http://home.byu.edu/webapp/ybustaickets, phn 1-800-322-BYU
- Tabernacle Choir Broadcast (be seated by 8:30 am in the Tabernacle)

TOTAL AMOUNT ENCLOSED: $____________________
Accommodations
Contact Provo Marriott Hotel for housing accommodations, $95/night conference rate. When making reservations, please ask for the CIVA rate (promo code) or for the BYU Civil Engineering rate. Call 801-377-4700 (Utah) or 888-625-3162 (national) for reservations. The Provo Marriott Hotel is located at 101 W. 100 N., Provo. The hotel parking garage is free to all conference attendees. Individual room internet access is available, $9.95/24 hours. Free wireless internet access is available in the lobby public areas.

Conference Guest - Speakers*
*Roger T. Alworth Principal/Owner, Vector Structural Engineers, Sandy, UT
*B Elaine Leonard UDOT Research Program Manager, Nominee for Pres. Elect, ASCE
*John R. Hjertig Executive Director, UDOT, Salt Lake City, UT
*Chint D. Topham Parsons Brinkerhoff

BYU Civil Engineering Faculty - Speakers*
*Dr. Richard J. Balling Professor, Structures & Optimization
*Dr. Steven E. Benzley Professor & Chair, Structural Mechanics
*Dr. M. Brett Borup Associate Professor, Environmental Engineering
*Dr. Henry N. Christiansen Professor, Engineering Mechanics
*Dr. Travis G. Gerber Assistant Professor, Geotechnical Engineering
*Dr. W. Spencer Othman Assistant Professor, Materials & Pavements
*Dr. R. H. Hitchkiss Professor, Hydraulics & Water Resources
*Dr. David W. Jensen Professor, Structures & Composites
*Dr. Norman L. Jones Professor, Geotechnical Engineering
*Dr. A. Woodruff Miller Professor, Hydraulics & Hydrology
*Dr. E. James Nelson Professor, Hydrology & GIS
*Dr. Paul W. Richards Assistant Professor, Structural Engineering
*Dr. Kyle M. Rollins Professor, Geotechnical Engineering
*Dr. Mitsuru Saito Professor, Transportation Engineering
*Dr. Grant C. Schultz Assistant Professor, Traffic & Transportation Engineering
*Dr. Guatavious P. Williams Associate Professor, Environmental & Hydrogeology

Scholarship Society Board of Directors - Speakers*
*Jeffrey D. Armstrong Owner, Armstrong Forensic Engineers, Inc, Lutz, FL
*Lee E. Cammack President & CEO, J-U-B Engineers, Inc, Kayeville, UT
*Brad Crane CEO, SCA Consulting Engineers, Sugar Land, TX
*Daniel H. Cleon Vice President, HNTB Corporation, Baltimore, WA
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*Thomas R. Waine Owner, Tom Waine and Associates, LLC, South Jordan, UT
*Rick Wheaton Partner, Cardno Engineers, Salt Lake City, UT
*L. Brent Wright Owner & President, Wright Engineers, Las Vegas, NV

How to Reach Us
Mail BYU Civil Engineering Scholarship Society 368 Clyde Building Provo, UT 84602
Email civil@byu.edu
Phone 801-422-2811
Fax 801-422-0159
Web Site www.et.byu.edu
11th Annual Halloween Bash

Please join us for BBQ, games, and pumpkin carving

Friday, October 3, 2008
6:00

Millcreek Canyon