

**Educational Opportunities**

NCSEA is offering a number of continuing education opportunities in the next few months. The November courses are listed below, but please visit [www.ncsea.com](http://www.ncsea.com) for more courses, more information and to register.

**November 14, 2007: Seminar in Chicago, IL**  
*Transitioning from the 2003 IBC to the 2006 IBC* by **S.K. Ghosh, PhD**

This seminar will discuss how the 2006 IBC standards differ with respect to the 2003 IBC, with particular emphasis on the seismic provisions, thereby keeping the designer up-to-date with the latest structural engineering standard practice. Breaks and lunch provided. Maggiano's Little Italy.  
**\$275 before Nov. 9 – 7.5 PDH**

**November 15, 2007: Webinar**  
*Preparation of Quality Construction Documents* by **David Ruby, PE, SE, SECB, F.ASCE**

Learn how to develop drawings such that a competent contractor can develop a price, submit a bid and, after award of the contract, build the structure in a manner consistent with the contractor's understanding of the scope of the documents at the time of bidding.  
**\$250 per connection – 1.5 PDH**

**November 20, 2007: Webinar**  
*Simplified Approach to Wind Load Design for Buildings Up to 160 Feet in Height Using ASCE 7-05* by **Lawrence G. Griffis, P.E.**

This presentation will address the technical provisions of Chapter 6 Wind Loads in ASCE 7-05, which are more complex than those contained in previous building codes, and help engineers using the standard to understand them and use them effectively.  
**\$250 per connection - 1.5 PDH**

**NCSEA Excellence in Structural Engineering Award winners**

The finalists and Outstanding Award winners of the 2007 NCSEA Excellence in Structural Engineering Awards were announced and recognized at the 15<sup>th</sup> Annual Conference in Philadelphia, Pennsylvania on October 13, 2007. The award winning projects and structural engineering firms are as follows:

**New Buildings under \$30 million**

*Outstanding Project Award Winner:*  
 The Estate "Suncatch" in Rancho Santa Fe, CA - SDSE Structural Engineers

*Awards of Merit:*

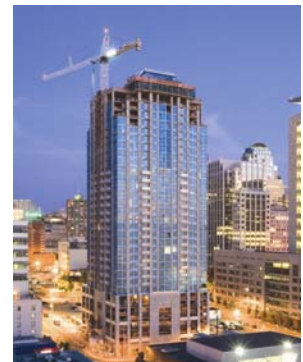
- South Orange Performing Arts Center in South Orange, NJ – Gace Consulting Engineers PC
- Clyde Companies Corporate Office in Orem, UT – J.M. Williams & Associates, Inc.

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

*Outstanding Project Award Winner*  
 Kansas City Convention Center the Bartle Hall Ballroom Addition in Kansas City, MO – HNTB Architecture Inc., in association with Tapan Am Associates, KHEG and Thornton-Tomasetti

*Awards of Merit:*

- Austin City Hall in Austin, TX – Datum Engineers Inc., in association with P.E. Structural Consultants
- The Cosmopolitan in Seattle, WA – Cary Kopczynski & Company, Inc. **(pictured right)**



### New Buildings over \$100 million

*Outstanding Project Award Winner*

Denver Art Museum the Frederic C. Hamilton Building in Denver, CO – Arup  
(pictured below)



### New Buildings over \$100 million

*Awards of Merit:*

- The New Beijing Poly Plaza in Beijing, P.R. China – Skidmore, Owings & Merrill LLP
- University of Phoenix Stadium in Glendale, AZ – Walter P. Moore

### Bridges and Transportation Structures

*Outstanding Project Award Winner:*

Penobscot Narrows Bridge & Observatory linking Waldo and Hancock Counties in Maine - FIGG

*Awards of Merit:*

- Rattlesnake Creek Pedestrian Bridge in Missoula, MT - HDR
- Lee Roy Selmon Crosstown Expressway Expansion linking Brandon and Tampa, FL - FIGG

### Other Structures

*Outstanding Project Award Winner*

Quigg Newton Auditorium Theater & Ellie Caulkins Opera House in Denver, CO – Martin/Martin, Inc.

*Awards of Merit:*

- Portland Aerial Tramway in Portland, OR - Arup
- United States Air Force Memorial in Arlington, VA – Arup
- The API Gateway Project in Mexicali, Mexico and Calexico, CA – RBF Consulting

**The results are in and this year’s conference was a huge success!**

The broad range of topics and varied events came together to create a well attended Annual Conference at the Hyatt Regency at Penn’s Landing in Philadelphia, PA.

Thursday started with committee meetings followed by well-attended forums on ethics, continuing education, licensing and SEERP. That evening the cocktail reception was the perfect time to meet exhibitors and say hello to peers. Vendor space was filled to capacity and attendees who visited all of the booths were treated to a wide variety of door prizes.

Friday boasted two tracks of informative lectures, some of which are available at [www.ncsea.com](http://www.ncsea.com); and on Friday night, attendees changed into their best black-tie attire, boarded private trolleys, and attended a dinner at the Top of the Tower honoring James R. Cagley, founder of NCSEA. NCSEA Past Presidents posed for a picture, below (*not pictured: Paul Fratessa, deceased, and Sanjeev Shah*).



On Saturday, there were two more lectures, committee reports (see [www.ncsea.com](http://www.ncsea.com)), and 5 workshops on “Taking Your Association to the Next Level”. The Conference concluded on Saturday night with a reception and the Excellence in Structural Engineering Award Banquet (see previous article for project winners).

## Taking Your Association To The Next Level

On Saturday afternoon of the Conference, attendees participated in workshops structured for sharing information and learning from one another, with respect to their state SEA organizations' practices, innovations, problems and solutions. Following are a few of the talking points resulting from each of the five workshops offered:

**Moving Outside Your Comfort Zone** – Look to focus on aspects other than purely technical topics. Promote membership to younger engineers by making this their opportunity to not only talk with their peers about engineering and related topics, but to also learn from senior engineers about leadership and management.

**How Gray is Your Association** – Have a younger member forum and charge as little as \$5/member, provide beer and cheese, offer more convenient meeting times, give them a scholarship program/student chapters to manage. Offer a young engineer award, their own programs and budget, participation in committees, and mentoring programs.

**One on One** – Give a year of free membership to new registrants, provide more chapters, broadcast meetings over the web. Offer short technical seminars before dinner meetings. Hold seminars at universities. Give faculty members free membership and newsletters, so that they may bring in students. Offer a student night, firm tour/dinner meeting. Hire an executive director.

**Let's Meet** – Offer awards dinner, Saturday morning seminars, breakfast and lunch meetings, rotating locations. Set calendar up to one year in advance. Hold joint meetings with other organizations. Ask vendors to sponsor meetings, golf outings. Offer non-vendor topics, like case studies. Appoint company liaisons.

**More Bang for Your Buck** – Put job and educational opportunities on the website, discount members' fees for seminars, offer

online payment, notify members of the association's impact on important issues, add firm sponsorships to reduce prices, partner with trade organizations for seminars and publications, offer 3-month trial memberships, survey members, offer exam prep sessions and mixers for younger members, provide hard copy or electronic newsletters, consider firm vs. individual member payments, offer business practice topics and support.

## Thank You to DVASE

NCSEA could not have offered such a successful conference without DVASE. DVASE members put in countless hours planning the two tracks of presentations on Friday, obtaining sponsors, and arranging a wonderful venue for the Friday night Founders' Dinner. This conference was tremendously successful, and we want DVASE to know that everyone involved appreciated your efforts. Thank you, DVASE!

If your group would like to host an Annual Conference, please see your Delegate's Handbook or contact the NCSEA office for information. NCSEA meetings for 2008 and 2009 will be held in Cleveland, Ohio and Phoenix, Arizona, respectively. NCSEA will be looking for an MO in the eastern third of the country to help with the Annual Conference in 2010, the central third in 2011, and the western third in 2012!

## The Structural Connection Masthead

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If you would like to submit material for Structural Connection, you may do so by contacting one of the above persons.

## CALENDAR

November 14, 2007	Seminar: Transitioning from the 2003 IBC to the 2006 IBC - S.K. Ghosh, PhD	Chicago, IL
November 15, 2007 12:00 pm-1:30 pm CST WEB SEMINAR	Preparation of Quality Construction Documents - David Ruby, PE, SE, SECB, F.ASCE	\$250 per site + \$2 per request for a Continuing Ed Certificate
November 20, 2007 12:00 pm-1:30 pm CST WEB SEMINAR	Simplified Approach to Wind Load Design for Buildings Up to 160 Feet in Height Using ASCE 7-05 - Lawrence G. Griffis, PE	\$250 per site + \$2 per request for a Continuing Ed Certificate
January 8, 2008 12:00 pm-1:30 pm CST WEB SEMINAR	Design of Reinforced Concrete Shear Walls I - S.K. Ghosh, Ph.D.	\$250 per site + \$2 per request for a Continuing Ed Certificate
January 15, 2008 12:00 pm-1:30 pm CST Q&A WEB SEMINAR	Design of Reinforced Concrete Shear Walls II - Q&A - S.K. Ghosh, Ph.D.	\$150 per site + \$2 per request for a Continuing Ed Certificate
January 25, 2008	NCSEA Board Meeting	TBD
February 28, 2008	NCSEA Board Meeting	Austin, TX
February 29-March 1, 2008	NCSEA's Winter Institute: Seismic Design for the 2006 IBC Regions of Low and Moderate Seismicity	Austin, TX - \$275/day \$500/both days
June 1, 2008	July SECB recertification due	Chicago, IL
October 22, 2008	NCSEA Board Meeting	Cleveland, OH
October 23-25, 2008	NCSEA Sixteenth Annual Conference	Cleveland, OH
October, 2009	NCSEA Seventeenth Annual Conference	Phoenix, AZ

See the Schedule of Events page at [www.ncsea.com](http://www.ncsea.com) for further calendar postings.

Place your Annual Meeting information here.

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