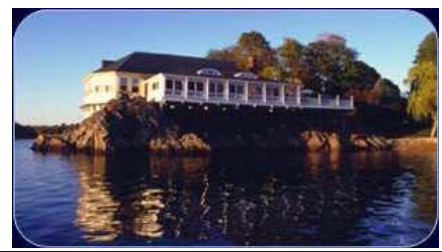




American Society of Civil Engineers
Rhode Island Section



**ASCE ANNUAL JOINT DINNER BANQUET WITH WTS-RHODE ISLAND,
THE SOCIETY OF AMERICAN MILITARY ENGINEERS (SAME) AND STRUCTURAL ENGINEER
ASSOCIATION RHODE ISLAND**

**(Program includes Recognition of Past Presidents, Installation of Officers, and Student Scholarship
Award 2012)**

Date: **Thursday, May 17, 2012**

Location: *Squantum Association: A destination unto itself www.squantumassociation.com*
947 Veteran's Memorial Parkway, East Providence RI 02915
Note: Squantum policy requires jackets and ties for men

**Keynote
Speaker:** **W. Gene Corley, Ph.D., P.E.**
CTL Group

Dr. W. Gene Corley, P.E. is an American structural engineer and "preeminent expert on building collapse investigations and building codes." Corley has been the Senior Vice President of CTL Group since 1987, where he leads structural engineering projects, including numerous evaluations of buildings and structures damaged by earthquake, explosions, and from terrorist attacks. He led the investigation of structural performance of the Murrah Building following the Oklahoma City bombing in 1995, and the World Trade Center Building Performance Study in 2001-2002 following the September 11, 2001 attacks, for the US government. Dr. Corley also narrated a television series on a number of his structural investigations.

Time: 5:30 PM – Registration & Social with Program beginning at 6:30 PM

Topic: *“Engineering Analysis of the 911 Attacks”*: Malevolent attacks on buildings have occurred in many countries around the world. These have come in the forms of car bombs, truck bombs, and aircraft purposely flown into buildings. No country can consider itself immune to attack. This paper discusses building performance observed after attacks on the World Trade Center in New York. The method of attack caused major structural elements of the buildings to be damaged or removed by the initial impact. Also, each building suffered further destruction from collapse that occurred after the initial attack. Building performance studies disclosed the mechanism of collapse that followed the attack. Physical characteristics of the structures that delayed or reduced the extent of progressive collapse were identified. Also, modifications that could be made to buildings to improve performance under extreme loading were identified. This presentation describes those characteristics that a structural system needs to resist progressive collapse. Finally, it discusses some of the incorrect interpretations of the collapse that have been suggested by others.

Menu: **Choice of Chicken Prata or Baked Scrod**
Squantum Chowder, Spinach Salad, Roasted Fingerling Potatoes, Seasonal Vegetable, Indian Pudding and Tom and Jerry Ice Cream, and coffee/tea are also included

Price: \$40.00 Members and Guests - \$20.00 Students (Please make checks payable to “**ASCE RI Section**”)
The ASCE Board allows unemployed members attending the monthly dinner meeting to pay the student rate.

Please RSVP via e-mail to aruocco@rwu.edu by Friday, May 11, 2012. You may also call in your reservation to Anthony Ruocco (401) 254-3334. You may mail your payment rather than pay at the meeting, please mail check payable to ASCE RI-Section, and mail to Anthony Ruocco, School of Engineering, One Old Ferry Road, Bristol RI 02809

Unfortunately, RI ASCE will be billed for the number of reservations. It will therefore be necessary to bill all “no shows”.

