



# ACE Mentor News

December 2011

## ACE Mentor Program of Maryland's Eastern Shore



**ACE Field trip to Shore Health System**

On October 17, 2011 the current ACE students visited the new Shore Medical Pavilion in Queenstown, MD. The tour, led by The Whiting-Turner Contracting Company, started along the doctor suites and included all building aspects such as the rooftop mechanical units and the pervious concrete in the parking area. Students were able to view the construction of the MRI room as well as see the importance of coordinating the construction for the x-ray machines in the building. The tour led us into the electrical room which began a conversation of electrical distribution in the building.

Many of the students present were on site at last year's tour of the Denton Medical Office building and designed their own health care facility. While this year's projects are not based in healthcare, the students are learning valuable information that will help them on other commercial and institutional projects.



**Above:**  
*Discussion of casework shop drawings*

**Left:**  
*Students view inside the rooftop mechanical unit*

## Building Futures



Charles Thornton, Founder of ACE National and local board member, recently appeared on the Today Show with Jane Pauley in a segment called "Building Futures." Three of our local ACE students appeared in the segment with Charlie: Scott Bell, Ryan Goldberg and Rachel Whiting from Easton High School.

Charles Thornton is renowned for his engineering achievements around the globe: The Petronas Twin Towers in Malaysia, Taipei 101 in Taiwan and Comiskey Park in Chicago are just some of the masterpieces created by Thornton Tomasetti, the company he and a college classmate founded in 1977.

But Thornton, 71, is less well known for another one of his pursuits: Mentoring young people through a program called ACE (Architects, Contractors and Engineers.) Here, Thornton talks about his life calling as a mentor.

To see the television segment

[click here](#)

## White House Honors ACE



Easton, MD – ACE Mentor Program of America is proud to announce that it is one of eight recipients of the prestigious 2010 Presidential Award

for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM).

PAESMEM is the nation's highest award for mentoring and recognizes the critical role mentoring plays in the academic, personal, and career development of students studying science and engineering—particularly those who belong to groups that are underrepresented in these fields. By offering their expertise and encouragement, mentors help prepare the next generation of scientists and engineers while ensuring that tomorrow's innovators reflect and benefit from the diverse talent of the United States.

Talbot county resident, Charles H. Thornton, Ph.D., PE, Chairman and Founder of ACE, and Founding Principal of international engineering firm Thornton Tomasetti, said, "I'm incredibly proud for ACE to be recognized with this prestigious honor. I take enormous pride in being part of an organization that helps to find and inspire young men and women who likely would not have chosen these careers, if not for our outreach and mentoring. But most important, the men and women who have taken our help and gone on to spectacular careers in architecture, construction and engineering are our true validation."

Mr. Thornton accepted the award in December at a White House ceremony, and participated in other special recognition events and meetings with education and research leaders.

*Mr. Thornton is pictured below, back row, 6th from left.*



## 2011-12 Teams



### SAVE THE DATE!

The Annual ACE Breakfast will be held March 7th.

### DONATION FORM NOW ONLINE

Just click on the link below to go to our donation form on the Mid-Shore Community Foundation web site.

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