

February meeting

School Construction

Our February joint meeting with the Green Building Council focused on school construction. The keynote speaker was Dr. David Lever. There are over 880,000 students in 24 school systems in Maryland. They are spread out in 1,400 buildings with an average age of 28 years. Of those buildings, 52% pre-date 1990 and 36% were built in the 1960's and '70's, so they are energy inefficient. Dr. Lever

indicated that they are making strides in energy efficiency for schools; 20 have achieved LEED certification and two will be built net zero. The premium for LEED over standard construction is approximately 3-5%. There is much work to be done; one estimate puts the cost to fully modernize the entire fleet of schools at \$20 billion. Baltimore City alone has a multi-billion dollar plan to build over 20 schools.



Dr. Lever speaking

Post Participates in Charm Challenge 3!

On 18 November at the Baltimore Port Coast Guard Yard, LTC Mike Ruppert lead a combined team from SAME, USACE, and DOD participating in the Charm Challenge 3 hosted by the Federal Executive Board and Commander, USCG Yard Baltimore. This multi-faceted exercise include presentations by the Baltimore Police, FBI Baltimore Field Office, FEMA Region 3, and a scenario based table top exercise. The exercise helped participating organization understand local, federal, and regional resources available to individual agencies in planning, preparation, and execution of a threat based Continuity of Operations Plan (COOP) response. An after action review and shared lessons learned were facilitated by FEMA personnel.

The day proved to be a great learning opportunity for all. The team and hosted discussions facilitated a review of organizational COOP plans and areas for improvement. SAME attendees included LTC Ruppert, Stacy Kahatapitiya, and Randy Westfall. Additionally, 5 USACE and 1 DOD personnel participated.



YMs Run the Bay

Members ran across the Bay Bridge, Again!

On Nov. 8, a team of 20 runners representing the SAME Baltimore Post participated in the second annual 10K Across the Bay. The Chesapeake Bay Bridge Run was a 6.2-mi run starting near the base of the Chesapeake Bay Bridge on the western shore of the bay. The race took runners over the 4.35-mi bridge that towers nearly 200-ft above



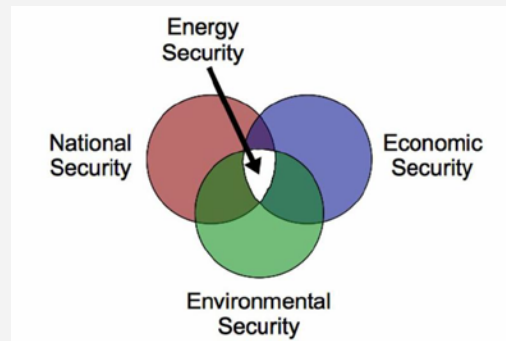
LTC Ruppert, Denise Tegtmeier and the running crew

Chesapeake Bay. The Baltimore Post team was comprised of individuals from 12 member organizations and included first time race participants as well as seasoned runners. Congratulations to all who participated in the race!

Stay tuned for more SAME team races next fall. Contact Nicole Walworth or Denise Tegtmeyer if you're interested in participating.

January Inaugural Webinar

In January, we abandoned our usual dinner meeting in favor of a webinar focusing on energy issues. It was a great success with nearly 90 members participating! While the logistics were challenging, we will likely have another webinar in the future.



Presentations included military energy security (Army, Navy, and specific to Ft. Detrick), the state of the shale gas market, and Maryland's largest construction project, the Dominion Energy Cove Point LNG terminal. The presentation slides can be downloaded from our website.

December Meeting: USACE Programs

Col. Chamberlayne and others spoke about the various programs that the Baltimore District is implementing. The Baltimore District is one of the more busier districts, averaging \$1.7 billion in expenditures for the next couple of years. They have prevented \$16 billion in flood damages and have created 600 acres of oyster habitat in the Chesapeake and Delaware Bays.



Other presentations were made by representatives from Military Programs, RSFO, Environmental, and Civil Works. The presentation slides can be downloaded from our website.

Upcoming Events

See what we will be up to!

24 February: We have over 70 students signed up to visit 20 firms as part of our Day with an Engineer mentoring program

25 February: 2016 USNA Engineer's Appreciation Dinner at the Naval Academy

2 March: Join the YMs for a wine tasting at Bin 604

16 March: Join us for our annual Small Business conference at the Engineer's Club.

30 March: Our "Easy as Pi" STEM program for students will be held at the ESB.

13 April: Join the YMs for duckpin bowling at Mustang Alley

20 April: Monthly meeting focusing on the Port of Baltimore

18 May: Join us for our recognition meeting.



To register for our meetings or for more information, visit our website [here](#).

Donations

Thanks to our donors to the scholarship fund!

O'Brien and Gere
Atkins
Aria Environmental
Arcadis



Meeting **The Engineering Society of Baltimore**
Location: 11 West Mount Vernon Place
Baltimore, MD 21201

samebalt.org

Newsletter compiled by Rob Scrafford of Gannett Fleming. Articles can be submitted to SAME@gfnet.com and rscrafford@gfnet.com for consideration.