

## *April meeting*

### Port of Baltimore Workshop and Meeting

Our April meeting focused on the Port of Baltimore with Mark Kreaflle as the keynote speaker. MPA has several large projects upcoming including Berth 1 through 3 reconstruction at Dundalk Marine Terminal, All Terminal Utility Installation Program, and Dike Widening at Cox Creek Dredged

Material Containment Facility. Mr. Kreaflle also spoke about an underground stormwater tank they installed to handle the 500 year storm to prevent flooding during hurricanes. The meeting was also attended by two of our scholarship awardees from Morgan State and Delaware.



**The Port of Baltimore**

## *Easy as Pi was a Huge Success!*

More than 100 middle-school students from across Maryland learned about blocking cell phone signals, surveying downtown city streets, and using science to pinpoint the origins of an epidemic as part of some of the many activities at the annual "Easy as Pi" event hosted by the Post on March 30 in downtown Baltimore. Emily Schiffmacher, PE of USACE has organized this event for several years.

The U.S. Army Corps of Engineers, along with other agencies and contractors that work in Science, Technology, Engineering and Math

(STEM), participated in the annual outreach event designed to not only encourage students to pursue careers in STEM fields, but to also understand the wide variety



SAME member Jeanne Judd (USACE) teaches about blocking cellular signals in buildings

of careers in the STEM spectrum.

NASA Astronaut Donald Thomas, who went on four missions into space from 1994 to 1997, was the event's keynote speaker. In addition to answering students' questions about life in space, he also talked about his years of working toward his dream of becoming an astronaut, despite multiple obstacles and rejections.

## *Over 70 Students Participate in Day with An Engineer*

As a part of Engineer's Week 2016, 14 local engineering offices hosted over 70 high school students for "Day with an Engineer" on February 24. This program, sponsored by the Post, involves showing the high school juniors and seniors what real world engineers do on a daily basis. Over the past five years under the organization of Blaine Linkous, PE (WBCM), the Post has been able to grow the program each year to more than double the student participation that we had 2011.



*WBCM's students visit an ultrapure water treatment plant*

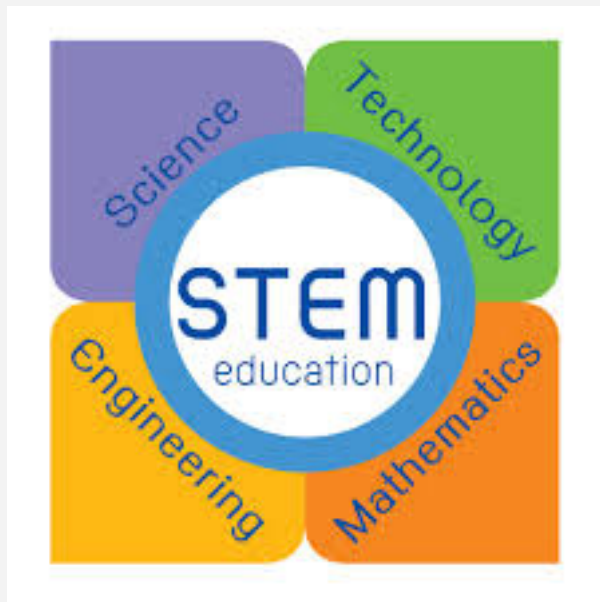
This year's students came from 20 high schools located throughout the Baltimore region, most of whom expect to study engineering in college. The students spent the morning on the design floor being introduced to different departments within each firm through brief staff presentations. Around lunchtime the groups enjoyed lunch courtesy of the volunteer firms. This allowed all of the presenters and the students to interact on a less formal basis.

This year, EA Engineering, Science, and Technology, Inc. hosted 20 students and provided them with a real-life learning experience. Tasked with completing a mock environmental project, the students experienced a full day of activities, which included performing experiments at EA's ecotoxicology laboratory, participating in field equipment demonstrations, researching available information, and collaborating with EA scientists and engineers.

## *Post Participates in Future Cities Competition*

On January 31, 2016, the Future City Event, Regional competition took place at the Baltimore Museum after a week delay resulting from the January Snow Storm. Despite a late change in schedule due to the inclement weather condition in January, the event was well attended.

This year's topic was: Waste Management. WASTE NOT WANT NOT. Students presented their solutions via a virtual city design (using SimCity and a slideshow); a 1,500-word city description; a scale model; a project plan, and a presentation to judges at the event. 24 Middle schools participated in the competition.



WBCM's students visit an ultrapure water treatment plant

Ola Awosika and Rosanna La Plante (Education and Mentoring Committee) attended on behalf of the Post, participated as judges, and presented a donation from the Post in the amount of \$2,000. The Post award for the "Best Project Management Plan" was presented to Oakdale Middle School.

## *Post Refurbishes Veteran's Memorial*

The Post Philanthropy Committee teamed up with The Southwest Partnership and Parks & People for an exciting community service project in Baltimore. On Saturday, April 23, 2016, we worked to clean up and expand the existing veteran's memorial located in the Mt. Clare community of Baltimore City. The Southwest Partnership has worked closely with the City of Baltimore to obtain access to the medians adjacent to the existing memorial where our group of volunteers will work to clear soils, add topsoil treatment, and plant trees along the medians. Other site activities included weeding, flagstone repair, and general clean-up of the memorial. Thanks to Stacy Kahatapitiya of ARC Environmental for coordinating this event.



Mt. Clare Veteran's Memorial

## *National Security Committee Attends TISP*



## *Conference*

On April 3rd through 5th, The Infrastructure Security Partnership (TISP) of SAME hosted their annual conference, the Critical Infrastructure Symposium (CIS) in Charleston, SC. The conference opened with a networking session and closed with a tour at the Port of Charleston. Workshops throughout the conference focused on a variety of resilience topics including Critical Infrastructure resilience - electric grid, utilities, water, and transportation; protection of infrastructure; risk management; social and economic resilience; and Port Security - (Port of Charleston presentation and visit). Additionally, TISP hosted the Collegiate Infrastructure Challenge with several teams of students competing to win the resilience challenge across a 24-hour period. Mr. James Dalton, SES, Chief Engineering & Construction, HQ USACE served as the keynote speaker addressing USACE application of a risk-informed approach to increase project and system resilience. Post Member, Randy Westfall, Co-Chair Emergency Preparedness and Infrastructure Readiness (EP&IR) attended on behalf of the Post.

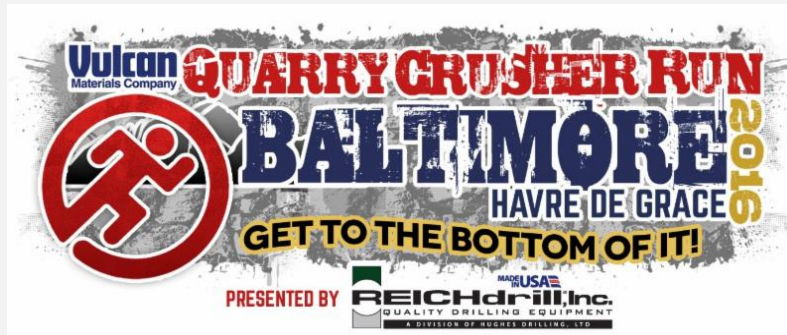


## *Our Latest TBS Dinner for Homeless Veterans*

On February 29, the Philanthropic Committee hosted a dinner event at The Baltimore Station (TBS) Baker Street facility. Volunteers prepared dinner, served meals, and connected with the veterans who live at the facility. The Baker Street facility is a 52-bed facility located in the Sandtown-Winchester neighborhood of Baltimore. The Baltimore Station is a therapeutic residential treatment program supporting veterans and others who are transitioning through the cycle of poverty, addiction, and homeless to self-sufficiency. TBS residents receive housing, food, clothing, educational opportunities, job training and placement, family reunification strategies, and individual and group counseling services. The Post and associated member firms have been providing volunteer and financial support to The Baltimore Station since 2012.



*Jeanne Judd cooking at Baker Street*



## *Join the YMs to Run the Quarry*

We've run the Bay Bridge, now join us to crush the quarry! We will be running the Vulcan Materials Havre de Grace Quarry on September 24, 2016. That's right, we will be running the actual quarry along the Susquehanna River at the I-95 bridge - I'm sure you've seen it and it doesn't look crazy at all...

Our SAME team needs a name! Submit an industry or SAME-related name for our team, and if it's selected, you'll receive a free race entry. Team members will receive a \$5 discount and there are also discounts for military, first responders, and students. All team registrants will receive a race t-shirt, finisher's medal, SAME swag, and of course, bragging rights!! Check out the race info online, including inspiring photos, at: <http://quarrycrusherrun.com>

To join the SAME-Baltimore Post team contact Denise Tegtmeyer ([tegtmeyer.denise@gmail.com](mailto:tegtmeyer.denise@gmail.com)), by August 24th.

## *March Meeting: Small Business Conference*

Over 200 people attended our Small Business Conference on March 16 organized by Debra Wittle and a team of SAME members.

Workshops were held on a variety of topics by DCAA, USACE Baltimore, the U.S. Small Business Administration, and the National Veterans Small Business Coalition. In addition, small and large businesses were matched in one-on-one sessions. The presentation slides from the workshop can be downloaded from our website.



## *Upcoming Events*

See what we will be up to!

**18 May:** Our annual recognition dinner will be held at the Admiral Fell Inn

**20 May:** Join the YMs for a sustainability tour at Black Ankle Vineyard

**24-26 May:** SAME JETC conference in Phoenix, AZ

**9 June:** Our annual Golf Tournament at Rocky Point Golf Course



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

### *Donations*

Thanks to our donors to the scholarship fund!

**Schnabel Engineering  
Signals Defense**



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

[samebalt.org](http://samebalt.org)

Newsletter compiled by Rob Scrafford of Gannett Fleming. Articles can be submitted to [SAME@gfnet.com](mailto:SAME@gfnet.com) and [rscrafford@gfnet.com](mailto:rscrafford@gfnet.com) for consideration.