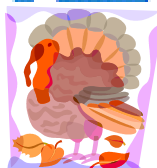


AIChE®

November 2006
Newsletter




www.aiche-md.org

From



to

AIChE®

You may have noticed that the AIChE shield symbol that you've become familiar with in the past —  — is not found anywhere else in this newsletter. It's not an omission — it has been replaced with the light-blue AIChE you see at the top of this page.

Please send your email address to broeper@eaest.com, so that we can forward you information on future events!

Looking ahead . . . to Engineering Challenges

Engineers Week -- February 18 - 24, 2007 There will be an Engineers Week Brunch to kick off the week. AIChE would like to round up 10 members or 5 members with spouse/partner to fill a table during the brunch. Exact cost is unknown at press time, but can be expected to be around \$30, inclusive. Kathryn Gunkel will be organizing this activity.

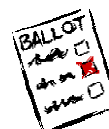
Engineering Challenges of Maryland Engineering Challenges are available for students from Kindergarten through their Senior year in high school. At the Baltimore Museum of Industry (www.thebmi.org) under "Explore & Learn" you can learn about all the different challenges offered by grade level. If you have kids who might be interested in participating in an Engineering Challenge and their school does not offer an in-class or after-school opportunity, meet with the principle and ask to get something organized. Even if the school will not cooperate, you can help your student start up his/her own "Engineering Club" and serve as their coach. The Engineering Challenges program is seeing more and more individual teams entering the program in this manner.

AIChE Sponsored Engineering Challenge: Competition date -- March 31, 2007 at the Baltimore Museum of Industry, approximately 9 am to 1 pm. The section needs judges to help interview the students and evaluate their hovercraft entry. Steve Lui and Tunde have been participating as judges the past few years. If you have questions about it, ask them or Kathy Gunkel. It's a great opportunity to meet with students that might be interested in pursuing an engineering career. The more judges we have the less overall time it takes and the more fun we have!

Engineering Awards 2007 Applications for nominating Engineer of the Year, Young Engineer of the Year, Meritorious Service to the Engineering Profession, Engineering Achievement of the Year.

Kathryn O'C. Gunkel, P.E.

November



LAST MEETING'S RECAP . . .

On October 19th, the AICHe MD section members and guests toured the Clean Harbors' Baltimore transportation, treatment, and disposal facility. The site has the capacity to hold nearly 1.5-million gallons of waste and over 1,100 drums and other containers. The site specializes in the treatment and handling of organic and inorganic aqueous wastes, solvents, and petroleum wastes. The site serves a wide range of industrial and commercial facilities. The visit was led by Keith W. Miller.



Following an initial description of the site and its operations and a brief Q-and-A session, the tour gave all in attendance the opportunity to see the site's operations. Especially notable was the site's proprietary liquid/liquid extraction method for the treatment of contaminated organic wastewater. The process uses cooled- and pressurized- liquid Carbon dioxide to extract organic compounds from wastewater; the organics are later precipitated when the pressure is lowered and the Carbon dioxide changes to its gaseous state. The tour concluded with some more questions and answers . . . And the photo of those in attendance to the right.



After the visit, most made the (somewhat convoluted by road construction) trip to dinner.

December 22: Maria Burka, AICHe Board of Directors at the Baltimore Engineer's Club

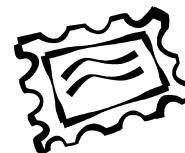
January 18th: TBA

February 15th: Student Forum at Johns Hopkins University

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Recipient

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