



## E WEEK 2010

E News # 6 – February 9, 2010

*Engineers Week 2010 will be celebrated February 14 - 20. Co-chairs are ExxonMobil Corporation and the American Society of Civil Engineers. Feel free to forward this letter or contents to other interested parties.*

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#### 1. Find Teachers, Help Everyone

Want to help teachers in your community? Have we got a database for you!

Educator-driven opportunities can be found at a new site: [www.nationallabday.org](http://www.nationallabday.org). We even have [a link just for you](#).

The site is supporting the first National Lab Day (NLD), tentatively set for May 2010. You don't have to wait for National Lab Day to get started! Get busy and connect NLD resources to your engineering outreach. The NLD database will help match you with teachers based on their needs, subject areas, and locations. For example, a teacher in Michigan is looking for volunteers to participate in an alternative energy project and to help buy materials. An Arizona teacher wants to introduce 5<sup>th</sup>-graders to engineering.

In November, President Obama announced the establishment of National Lab Day, an effort supported by the National Engineers Week Foundation and more than 200 other organizations in science, technology, engineering, and math (STEM). Lab Day is part of a large, ongoing STEM initiative called "Educate to Innovate."

The essence of National Lab Day is community support for STEM educators. This support goes well beyond beakers and burners. The goal is to help these educators make their subjects lively and relevant for students. The engineering community is already in the forefront of this type of outreach, engaging in thousands of hands-on projects annually. While students study science and math – and sometimes technology - they are rarely introduced to engineering. The National Engineers Week Foundation and its partners put the E in STEM and have the knowledge, tools, resources, and messages to make a difference.

The National Engineers Week Foundation's affiliation with NLD is particularly timely. The Foundation and engineering profession are celebrating the anniversary of "DiscoverE" (1990 – 2010). "DiscoverE" was the first formal, national call to the engineering community to engage in K-12 outreach. We have come a very long way and are poised to do even more. NLD is another opportunity to stay or get involved

#### 2. The Power of One

One person can make a difference for future engineers. Thanks for quick reports from engineers out there helping to make an impression. A structural engineer reports working with a local Girl Scout troop on technology-related badges. In West Covina, California, an engineer will visit kindergartners and first graders. An electrical engineering major at Marquette University in Milwaukee will get her Alpha Omega Epsilon sorority involved in Introduce a Girl to Engineering Day. In Baltimore, Maryland, a tenth-grade engineering teacher will use Introduce a Girl to Engineering Day as a classroom focus.

### 3. International News

The 2010 Global Marathon For, By and About Women in Engineering and Technology is March 10-11. [See more here](#).

Through Engineers Week, engineers and educators at Mapua Institute of Technology in Manila, Philippines, will continue their campaign to grade school and high school students to consider a career in engineering. This will be done through talks, activities like games, and design contests. Contact [mcbelino@mapua.edu.ph](mailto:mcbelino@mapua.edu.ph) and [www.mapua.edu.ph](http://www.mapua.edu.ph).

Near Stuttgart, Germany, IBM will team up with Daimler and Bosch to host students for a whole week during their vacation, learning about mechanical and electrical engineering and information technology in the three companies. Hands-on experiments will be performed by the students, giving them a real impression about working in those fields. Contact is Werner Tod at [wtod@de.ibm.com](mailto:wtod@de.ibm.com).

### 4. In Local News

Engineers rock! We have news of so many more outreach activities that we need an entire newsletter for them! Check the next issue of this newsletter, also arriving in your e-mailbox today, for news of local events in Texas, Missouri, California, and more. In the meantime, [add your event to our forums page](#)

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The National Engineers Week Foundation coalition comprises more than 75 engineering, professional, and technical societies and more than 50 corporations and government agencies. The coalition is dedicated to sustaining and growing a dynamic engineering profession by ensuring a diverse and well-educated future engineering workforce, increasing understanding of and interest in engineering and technology careers among young students, and promoting pre-college literacy in math and science. Among the oldest of America's professional outreach efforts, the coalition also raises public understanding and appreciation of engineering contributions to society through year-round innovative programming and celebration.

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