Columbus Engineer
Official Publication of the Franklin County Chapter of the Ohio and National Societies of Professional Engineers

FEBRUARY 2014
VOL. 73
NO. 6

PRESIDENT’S MESSAGE
By Steven F. Wilson, PE, FCC President

There are numerous activities going on in the month of February (see other pages in this publication).

February 22 -28, 2015, is National Engineers Week, and this year the theme is “Engineering is for Everyone”.

Certainly, the opportunities are there. First, Wed., Feb. 25 provides a chance for high school juniors and seniors to participate in the “Engineer for a Day” program, where each student shadows an engineer from industry, government, or private practice and gains some idea of what an engineer actually does. If your company has not yet signed up to participate but would like to, then please contact Charles Ohrstedt at mohrstedt@sbcglobal.net or Nancy Mergel at ospefcc@aol.com.

Central Ohio Engineers Week Luncheon,
Thursday February 26, 2015

Time:  Registration - 11:30 AM
         Lunch - 12:00 PM
         Program Begins - 12:30 PM

Location:  Bridgewater Banquet & Conference Center
         10561 Sawmill Parkway, Powell, Ohio 43065

Menu:  Choice of Slow Roasted Chicken Breast, Roasted Pork Loin, or Vegetarian entrees.

Cost:  $25 – “Early Bird” registration (by February 13)
       $35 – after February 13
       Students Free (Contact Joy Lanham to register at joy@lanhamengineering.com)

Reservations:  Advanced Reservation and Payment Required. Please register and pay online with a credit card or mail checks to:
               Carlos Vazquez
               WD Partners, Inc.
               7007 Discovery Blvd, Dublin, OH 43017

If you have any questions, please contact Carlos at register@centralohioasce.com or 614.634.7132. Checks should be made payable to “Central Ohio ASCE.” Payment in advance via credit or debit card is strongly encouraged. Registrations at the door (walk-ins) will be accommodated until seating capacity is reached. Cash or Check can be accepted at the door.

Please note: Late registrations and walk-ins may not be accepted. Registration fees may still be required for no-shows.

Keynote Address: “Engineering New Horizons”
Speaker:  Clement D’Souza, Engineering Large Project Leader Honda of America Mfg., Inc.
Mr. D’Souza will talk about Honda’s New Model Group for the Acura NSX and the startup of the new Performance Manufacturing Center.

About the speaker:  Clement D’Souza is an engineering large project leader at Honda of America Mfg. currently assigned to the New Model Group for the Acura NSX and the startup of the new Performance Manufacturing Center.

Born in Bombay, India, D’Souza earned Bachelor’s of Science degrees in physics from the University of Bombay (1984) and mechanical engineering from Michigan State University (1988). He speaks three languages, English, Hindi and Japanese and lives with his wife and two children in Powell, Ohio.

E-Week Participants

Central Ohio Branch
Volunteers Still Needed for MATHCOUNTS – February 21 and March 14

We are still looking for graders and proctors for the Regional Competition and the State Competition.

The Franklin County Chapter (FCC) administers the MATHCOUNTS Regional Competition for Central Ohio on February 21, at Columbus State Community College. The FCC competition is the largest in the state. The winners advanced to the State Competition in March 14, also held at Columbus State Community College. The Chapter also takes the lead for the State MATHCOUNTS Competition.

The Chapter (and State) can use your help. Please volunteer for one of the competitions, both on a Saturday. Contact Joe Bolzenius, email joseph.bolzenius@hotmail.com for the FCC Competition in February, and Tina Sutermeister, email tlsuterm@embarqmail.com for the State Competition in March. You may also contact Leon Winget, lewinget@att.net, for further information.

Central District Science Day – March 15th – Volunteers Needed

The Franklin County Chapter will once again be a Sponsored Award Organization for the Central District Science Day. District Science Days are administered and held at 16 colleges and universities throughout Ohio. This is a golden opportunity to see our future engineers developing at a very early age.

The Central District Science Day will be held at Columbus State Community College on March 21st. Projects devoted to any engineering disciplines are eligible for the Chapter awards. Grading is based on the knowledge achieved, effective use of the scientific method or engineering design process, clarity of expression, originality and creativity. Awards of $150, $100 and $50 will be presented to our top three finishers.

Judges are needed for the event, so if you are interested please email C.R. Weaver (crweaver@columbus.gov). Judges are asked to report to Room 137, Union Hall, Columbus State Community College at 8:30 AM for a brief orientation and assignment of projects to judge. Judging concludes at approximately 11:30 AM so the time commitment is short.

Any student that receives a superior rating from the “regular judges” will advance to the State competition. This year’s State Science Day will be held May 16th at French Field House and St. John Arena on the Ohio State University Campus.

For more information please contact C.R. or visit the Central District Science Day Web site http://www.cscc.edu/docs/science/ .

OSU ENGINEERING STUDENTS INTERESTED IN CHARTERING A STUDENT CHAPTER!

C.R. Weaver attended the Ohio State University (OSU) Green Engineering Scholars Involvement Table Fair on Tuesday, April 15. The Green Engineering Scholars program is an OSU program that provides first year and second year engineering students a supportive living-learning community that encourages the exploration of innovation and technological development within the context of green engineering and social responsibility, while providing students with opportunities to explore career options.

The Involvement Table Fair was sponsored by the Green Engineer Scholars Program to allow OSU Engineering students the opportunity to speak with representatives from existing OSU programs. The students may then consider which programs the students might like to participate in the following years. C.R. took the opportunity to meet with students on behalf of the FCC-OSPE and discuss OSPE and EFO. Many of the students seemed interested in the programs and had many questions regarding OSPE, EFO, and P.E. licensure in general. C.R. also asked students if they were interested in starting a charter OSU student chapter of OSU. 30 students signed a petition to charter an OSU student chapter. Stay tuned as OSPE-FCC investigates the potential for sponsoring a student chapter of OSPE!
Do You Or Someone You Know Need An FE Refresher Course?*

This February, March and April, the Ohio Society of Professional Engineers (OSPE) is bringing to you review course webinars for the FE Civil, the FE Mechanical and the FE Other Disciplines examinations. These Webinar-based courses are appropriate for the computer-based testing now being used for the FE exams and the courses use materials from Professional Publications, Inc. (PPI).

Call OSPE when you are ready to register.

We are also offering PE exam review courses! Visit the OSPE website or call 614-223-1144 for more information.

(* Excerpt from OSPE email notice)
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feb. 8</td>
<td>5:30 p.m.</td>
<td>FCC Board Meeting @ Korda Nemeth</td>
<td></td>
</tr>
<tr>
<td>Feb. 14</td>
<td>5:00 p.m.</td>
<td>Deadline for March Columbus Engineer</td>
<td></td>
</tr>
<tr>
<td>Feb. 21</td>
<td>8:00 a.m.</td>
<td>Local Mathcounts Competition @ Columbus State Community College</td>
<td></td>
</tr>
<tr>
<td>Feb. 22-28</td>
<td></td>
<td>National Engineers Week (see <a href="http://www.eweek.org">www.eweek.org</a>)</td>
<td></td>
</tr>
<tr>
<td>Feb. 25</td>
<td>8:00 – 3:00 p.m.</td>
<td>Engineer for a Day Program</td>
<td></td>
</tr>
<tr>
<td>Feb. 26</td>
<td>11:30 a.m.</td>
<td>E-Week Luncheon at Bridgewater Banquet &amp; Conference Center</td>
<td></td>
</tr>
<tr>
<td>Mar. 7</td>
<td>8:30 a.m. – 3:00 p.m.</td>
<td>State Mathcounts Competition (FCC Volunteers)</td>
<td></td>
</tr>
<tr>
<td>Mar. 10</td>
<td>5:30 p.m.</td>
<td>FCC Board Meeting @ Korda Nemeth</td>
<td></td>
</tr>
<tr>
<td>Mar. 13</td>
<td>5:00 p.m.</td>
<td>Deadline for April Columbus Engineer</td>
<td></td>
</tr>
<tr>
<td>Mar. 19</td>
<td>Noon</td>
<td>Luncheon - Transportation, Traffic and Work Zone Safety by</td>
<td>Deb McAvoy, CE, OU</td>
</tr>
<tr>
<td>Mar. 21</td>
<td></td>
<td>Spring Certificate Ceremony (OSPE)</td>
<td></td>
</tr>
<tr>
<td>Mar. 21</td>
<td></td>
<td>District Science Day</td>
<td></td>
</tr>
<tr>
<td>Apr. 14</td>
<td>5:30 p.m.</td>
<td>FCC Board Meeting @ Korda Nemeth</td>
<td></td>
</tr>
<tr>
<td>Apr. 15</td>
<td>5:00 p.m.</td>
<td>Deadline for May Columbus Engineer</td>
<td></td>
</tr>
<tr>
<td>Apr. 16</td>
<td>Noon</td>
<td>Luncheon - Oil and Gas Pipeline Corrosion by Srdjan Nesic, Chemical Engineer, OU</td>
<td></td>
</tr>
<tr>
<td>May 12</td>
<td>5:30 p.m.</td>
<td>FCC Board Meeting @ Korda Nemeth</td>
<td></td>
</tr>
<tr>
<td>May 16</td>
<td>5:00 p.m.</td>
<td>Deadline for June Columbus Engineer</td>
<td></td>
</tr>
<tr>
<td>May ??</td>
<td>6:30 p.m.</td>
<td>Annual Spring Banquet / Officer Installation</td>
<td></td>
</tr>
</tbody>
</table>