



Columbus Engineer

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

President's Message

by Kevin Ernst, P.E. - FCC President



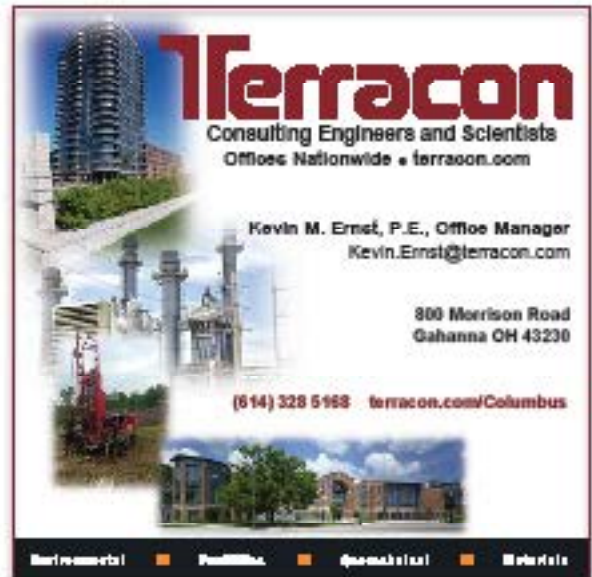
Greetings again! While the groundhog tries to predict the weather (good luck with that in Central Ohio!), we are progressing into a busy month of activities for February. First, I would like to thank Jon Beier, P.E., Principal and Joe Noser, P.E., Director of Structural Engineering at SMBH, Inc. for their outstanding presentation at our January luncheon about the structural engineering aspects of The Ohio State University's North Residential Transformation project.

As mentioned in last month's newsletter, National Engineer's Week is February 19th through 25th. The Chapter along with other engineering associations will be celebrating engineering at the annual Central Ohio Engineers Week Luncheon on February 23rd at the Bridgewater Banquet & Conference Center in Powell. The keynote speaker will be Ms. Aparna Dial P.E., Columbus Department of Public Service Deputy Director. Arpana will speak to us about The City of Columbus' "Smart Columbus" project which

envisions Columbus becoming the nation's epicenter for intelligent transportation systems (ITS) research to improve safety, enhance mobility, and create ladders of opportunity. Please join us by registering at <https://ieeecolumbus.org/>.

Also as part Engineer's Week, the Chapter is coordinating an "Engineer of a Day" program on February 22nd where local high school students interested in an engineering career have the opportunity to visit and spend a day with engineering firms/organizations from the central Ohio area. The program is great way to energize students to pursue an engineering career. If your firm or organization is interested in sponsoring a few students for this program, please contact me for more information.

Finally I wanted to let you know that the Franklin County Chapter has assisted in Ohio State University students in establishing a Board for their NSPE/OSPE student chapter! Stay tuned for more information about the student chapter in next month's Columbus Engineer. All the best ~ Kevin!





Central Ohio Engineers Week Luncheon, Thursday February 23, 2017

Join us in celebrating Dream Big For Engineers Week

The City of Columbus “Smart Columbus” project

Keynote Speaker Aparna Dial P.E., Columbus Department of Public Service Deputy Director



The City of Columbus “Smart Columbus” vision won the U.S. Department of Transportation \$40 million Smart City Challenge in June, 2016 after competing against 77 cities nationwide to become the country’s first city to fully integrate innovative technologies – self-driving cars, connected vehicles, and smart sensors – into their transportation network. Columbus was also awarded an additional \$10 million grant from Paul G. Allen’s Vulcan Inc. to accelerate the transition to an electrified, low-emissions transportation system. Columbus will become the nation’s epicenter for intelligent transportation systems (ITS) research to improve safety, enhance mobility, create ladders of opportunity for those who may have been left behind in the past, and address climate change by reducing emissions.

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



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

Menu: Choice of Lemon-Rosemary Grilled Chicken, or Vegetarian entree.



Cost: \$25 – “Early Bird” registration (by February 11)
\$35 – After February 11
Students Free (Contact Jeffery Keller to register at
Jeffery D. Keller, PE <JKeller@varoeng.com>)

Reservations: Advanced Reservations and Payment Required at the following website.
<https://ieeecolumbus.org/> Use the EWeek Luncheon 2017 tab

Mail checks and dinner choices to:

Richard Smelker
American Electric Power
8500 Smith’s Mill Road New Albany, Ohio 43054
Phone: (614) 933-2236
Email: rdsmelker@aep.com
Checks Payable to IEEE Columbus



If you have any questions, please contact:
Richard Smelker
American Electric Power
8500 Smith’s Mill Road New Albany, Ohio 43054
Phone: (614) 933-2236



AWARDS DUE MARCH 31, 2017

The following 5 state level awards have a submission due date of March 31, 2017. Consider nominating an FCC member for these awards. Please send your nominations to Tina L. Sutermeister, P.E., F.NSPE at tlsuterm@embarqmail.com prior to February 28, 2017.

1.) Overall National Engineers Week Observance Award - This award is presented to the Chapter that excels in its week long program to promote the engineering profession and to educate the community of the true meaning and purpose of National Engineers Week. This award would highlight the following programs: Imagine Engineering, MATHCOUNTS, EFAD, and the E-Week luncheon.

2.) OSPE Uncommon Engineer Award - This award recognizes the distinguished service to the engineering profession; devotion and commitment to the state society and the local chapter; high standards of professionalism; and guidance in the role of a team player. The candidate must be a registered PE and must be a member in good standing with OSPE.

3.) Legislator of the Year Award- This award recognizes a state legislator who has given significant support to the engineering profession, allowing the profession to maintain its commitment to the health, safety and welfare of the public. The award candidate must be a member of the Ohio House of Representatives or of the Ohio Senate.

4.) Professional Engineering Management Award- This award recognizes leadership, organizational, and management skills in an engineering environment.

5.) Ohio New Product Award - This award recognizes the benefits that come from the research and engineering of new products and the results of engineers' efforts and the foresight of their firms. The firm must have developed a product, machine, process, or material that was primarily developed and manufactured in Ohio.

**No FCC Auxiliary Meetings
In February 2017**

PROUDLY DISPLAY YOU ARE A PROFESSIONAL ENGINEER

Frame your license plate with a black frame and raised white letters. The frames are ideal gift for newly licensed Professional Engineers, or for a spouse, an associate, friend, son or daughter who is a Professional Engineer. This is also a great way to recognize the new Professional Engineer in your organization by presenting them with a Professional Engineer License Plate Frame.



These frames are available through the Franklin County Chapter of the Ohio Society of Professional Engineers, web site: www.fccospe.org/store/. Each frame requires a \$5.00 donation plus Shipping and Handling.

2017



EXPO

2017 CENTRAL OHIO STEM EXPO

SATURDAY, FEBRUARY 25, 2017 10 AM—2 PM

COSI (CENTER OF SCIENCE AND INDUSTRY)
333 WEST BROAD STREET, COLUMBUS, OHIO

The Central Ohio STEM Expo is a free (including parking) educational outreach event for students grades K through 8 that will feature fun, interactive activities and exhibits in the Science, Technology, Engineering and Math fields. Last year's student participants built truss bridges and straw towers, met a tortoise, modeled buildings, explored magnetism, built race cars out of food items, floated on a hovercraft, and interacted with numerous other activities and exhibits. As an added bonus, this year, participants will have the opportunity to receive reduced price admission to explore the rest of the COSI facility the day of the STEM Expo and watch the new "Dream Big: Engineering Our World" on COSI's giant screen.

Pre-Registration

Please visit the event webpage at http://centralohioasce.org/2017_STEM_Expo to RSVP for this event. Pre-registration is encouraged but registration will also be available the day of the event.

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OSPE Student Chapter Update

By Kevin Monroe

I have received twenty responses. About 5 just want to be in the society, the remaining 15 want to hold an officer's position. I will send Kevin Ernst and James Gonya an email soon with all the data.

Remaining steps:

- Elect officers.
- Hold a meeting with the new members.
- Have all the members sign up for NSPE/OSPE/FCC if not already.
- Get the president and at least 10 NSPE/OSPE/FCC/OSUSPE student chapter members to sign the Petition to Charter and send off to NSPE.
- Next we will need to organize activities for the students.
 - Help in presenting Imagine Engineering to 2nd graders
 - Regional and state MathCounts competitions need help in grading or proctoring
 - Attend a chapter luncheon program
- Hold another meeting where we plan what to do and get the Constitution ironed out.



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President	Kevin Ernst, PE	614-863-3113 (w)	614-203-1199 (c)	kevin.ernst@terracon.com
Chapter Secretary	Steve Wilson, PE	614-933-2246 (w)	614-832-5019 (c)	sfwilson@aep.com
Treasurer	Steve Day, PE	614-876-7525 (w)	614-531-2858 (c)	lday1@columbus.rr.com
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	NEW FCC-OSPE Website			www.fccospe.org
OSPE Executive Director	Tim Schaffer	614-223-1144 (w)		exec@ohioengineer.com
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	Holly Ross	614-223-1177 (w-EFO)		pr@ohioengineer.com
VICE-PRESIDENT	TRUSTEE/COMMITTEE	CHAIRPERSON	TELEPHONE	E-MAIL
Ben Brown, PE	President-Elect	Ben Brown, PE	614-519-8978 (c)	benjamin_brown68@yahoo.com
	Programs/CPD/Activity	Leon Winget, PhD, PE	614-395-8249 (c)	lewinget@att.net
	Membership	Ron Eifert, PE	614-885-4138 (h)	roneifert@aol.com
			614-315-9551 (c)	
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	PEHE Trustee	Vacant		
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			304-951-7847 (c)	
	Scholarship	Joe Sullivan, PE	614-486-4383 (w)	joe.sullivan@stantec.com
			614-561-5447 (c)	
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	Engineers Week Luncheon	CR Weaver, PE	614-645-7100 (w)	CRWeaver@columbus.gov
			614-946-2961 (h)	
	Engineer For A Day	Charles Ohrstedt	614-937-1512 (c)	mohrstedt@sbcglobal.net
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			740-964-0828 (c)	
	MATHCOUNTS (Reg) Co-Chair	Joe Bolzenius, PE	614-498-0339 (w)	joseph.bolzenius@hotmail.com
			614-354-4933 (h)	
	MATHCOUNTS (Reg) Co-Chair	Ben Brown, PE	614-519-8978 (c)	benjamin_brown68@yahoo.com
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			614-208-6986 (c)	
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	OSPE Director	Ron Eifert, PE	614-885-4138 (h)	roneifert@aol.com
			614-315-9551 (c)	
	Constitution & By-Laws	Devon Seal, PE	614-221-0678 (w)	devon_seal@gspnet.com
			614-208-6986 (c)	
	PEPP Trustee	Vacant		
	PEC Trustee	Yogesh Rege, PE	614-328-5137 (w)	yogesh.rege@terracon.com
			304-951-7847 (c)	

Revised 1/26/2017

2016-17 CALENDAR

Feb. 11	8:00 a.m.	Regional Mathcounts Competition @ Columbus State Community College
Feb. 14	5:30 p.m.	FCC Board Meeting @ Terracon Consultants, Inc.
Feb. 15	5:00 p.m.	Deadline for March <i>Columbus Engineer</i>
Feb. 19-25		National Engineers Week (see www.eweek.org)
Feb. 22	8:00 a.m. – 3:00 p.m.	Engineer for a Day Program
Feb. 23	11:30 a.m.	Program: E-Week Luncheon
Mar. 11	8:15 a.m. – 4:00 p.m.	Ohio Mathcounts Competition (OSPE, see www.ohioengineer.com)
Mar. 14	5:30 p.m.	FCC Board Meeting @ Terracon Consultants, Inc.
Mar. 15	5:00 p.m.	Deadline for April <i>Columbus Engineer</i>
Mar. 16	11:30a.m.	Program: “Geophysical Testing”
Mar. 18		District Science Day
Apr. 11	5:30 p.m.	FCC Board Meeting @ Terracon Consultants, Inc.
Apr. 15	5:00 p.m.	Deadline for May <i>Columbus Engineer</i>
Apr. 20	11:30a.m.	Program: “Buckeye Bullet:
May 9	5:30 p.m.	FCC Board Meeting @ Terracon Consultants, Inc.
May 16	5:00 p.m.	Deadline for June <i>Columbus Engineer</i>
May 18	11:30 a.m.	Chapter Officer Installation/ Awards Luncheon
July (TBA)		FCC Budget Meeting - Location to be announced
Terracon Consultants, Inc. Address: 800 Morrison Road, Columbus, OH 43230		

WHERE DO I GET MORE INFORMATION?

FCC-OSPE Office e-mail & phone number:	ospfcc@aol.com	(614) 470-4170
FCC-OSOE President E-mail & Phone:	kevin.ernst@terracon.com	(614) 203-1199
OSPE-FCC WEBSITE:	www.fccospe.org	
OSPE WEBSITE:	www.ohioengineer.com	
NSPE WEBSITE:	www.nspe.org	
To volunteer to help with MATHCOUNTS:	joseph.bolzenius@hotmail.com	(614) 498-0339
To volunteer to help with Science Day:	yogesh.rege@terracon.com	(614) 863-3113
To volunteer to help with OSU Student Chapter:	krmonroe@HNTB.com	(614) 493-5515
To volunteer to help with Imagine Engineering:	devon_seal@gspnet.com	(614) 221-0678
FCC Luncheons / Programs:	lewinget@att.net	(614) 552-1697
New Members / Membership Application	www.nspe.org or www.ohioengineer.com	(614) 223-1144



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