



# 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



I'm very excited to serve as the Chapter's president for the upcoming year! Over the summer months our committee chairs have been actively planning upcoming chapter activities which include our luncheon presentations, Imagine Engineering coloring contest for elementary school kids,

MathCounts competition, Science Day, and Engineer for a Day for high school students held during Engineer's Week in February. I would like to thank our corporate sponsors whose business cards are presented in the newsletter. Their sponsorship supports the wide range of our chapter's events. A schedule for the 2016 - 2017 events is included later in the newsletter.

I'm also pleased to report that we have established a chapter committee this summer to start a student chapter at The Ohio State University and have begun coordinating with our faculty advisor, Dr. Halil Sezen, P.E. Kevin Monroe, E.I. is our committee chair for the OSU Student Chapter start-up effort. If you would like to assist Kevin; or participate in other activities, please contact me at [kevin.ernst@terracon.com](mailto:kevin.ernst@terracon.com) and I'll connect you to the appropriate committee chair.

Finally, I would like to encourage you to attend our luncheon scheduled for September 15th. John F. Greenhalge, the Executive Director of the Ohio State Board of Registration for Professional Engineers and Surveyors will be talking to us about updates regarding Professional Engineer requirements, a topic very important to all practicing engineers. I'm looking forward to meeting you personally at the luncheon. All for now...best regards ~ Kevin!

## OSPE-FCC September Luncheon Program

**Date:** Thursday September 15, 2016

**Place:** La Scala Restaurant

4199 W. Dublin Granville Rd., Dublin, OH

**Time:** Registration: 11:30 am

**Lunch:** 11:50 am

**Speaker:** 12:00 pm

**Closing Remarks:** 1:00 pm

**Cost:** Members: \$20.00 & Non-Members: \$30.00.

Registration: Visit [fccospe.org](http://fccospe.org). Pay at door or online at ([www.fccospe.org](http://www.fccospe.org)). No access to computer contact Jim Arnold, 614-299-2133, to help with registration.

**TOPIC: Let's remember our creed: "As a member of an honorable profession, I dedicate my professional knowledge and skill to the advancement and betterment of human welfare."**

Hence, Mr. Greenhalge will cover in this session, the Ohio's laws and rules regulating the practice of the "Ohio Professional Engineer". He will discuss new rules in Ohio and potential legislation that would influence the profession. He will provide important information that the professional engineer must consider before approving drawings and/or plans for facilities that are to be built in

Ohio. Time permitting; he will have an open discussion with the engineers on how we can continue to maintain the honorable profession in Ohio. Potential topics in the open session are: license renewal; auditing of the registrants submitted credit hours; how the Board handles complaints, etc.

**PRESENTER: John F. Greenhalge, Executive Director**  
John F. Greenhalge is the Executive Director of the Ohio State Board of Registration for Professional Engineers and Surveyors since 1998. He previously served as the Board's Enforcement Supervisor and as the Assistant Executive Director. John has a Bachelor of Science degree in Business Administration and a Masters of Business Administration degree from Ashland University. John has served on numerous national committees for the National Council of Examiners for Engineering and Surveying (NCEES) and is a recipient of the NCEES Distinguished Service Award for outstanding service to the Central Zone, NCEES and the engineering and surveying profession.

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A certificate for 1 hour of Professional Development for attending the program will be presented at the luncheon.

## Update on Ohio State University Student Chapter Start-up

By: Kevin Monroe, E.I., Franklin County Chapter Member

The Franklin County Chapter (FCC) made a 2016 - 2017 priority goal to assist in start-up a student chapter at The Ohio State University. The task began with a planning meeting in July led by the FCC Chapter President to discuss action items needed to start a student chapter, the Ohio State University Society of Professional Engineers (OSUSPE). A total of six members, including two engineering interns, were in attendance at the meeting and formed a committee to proceed with the effort.

After the initial planning meeting, members of the committee met with OSU faculty advisor, Dr. Halil Sezen, PE, a structural engineering professor. The committee also reached out and worked with the University of Toledo Society of Professional Engineers (UTSPE) Founder/President and OSPE member, James Gonya. The start-up process for OSUSPE was expedited due to the experiences shared by James; in large part, the startup of OSUSPE followed the model created by James at the University of Toledo. James was able to reassure the committee's thoughts and give helpful "dos and don'ts" in terms of how to attract students, a general timeline, a general structure and how to get the student chapter recognized by OSPE and NSPE. A PowerPoint presentation was then developed to invite students to join the new student chapter and the committee is currently working with the faculty advisor for distribution to engineering students across the campus. Efforts this fall include distribution of this invitation to students, and on-campus meetings/presentations by FCC chapter members to encourage students to join.

Information related to student chapters is found on NSPE website and includes a NSPE student chapter handbook which is a great guide to chartering a student chapter. The handbook allows for flexibility in how you organize and develop a student chapter but it also gives structured direction on how NSPE wants its state and local levels to operate a student chapter. The handbook, for example, defines how many student members are required before a student chapter can be recognized as a student chapter - which is ten students. The handbook also defines the student chapter must have three students hold three officer positions (President, Vice President, Secretary/Treasurer); a faculty advisor must be assigned to the student chapter and a liaison -whom is Kevin Monroe, EI from the Franklin County Chapter. For more information on student chapter startup, please see the student chapter page on the NSPE website, **NSPE: Establishing a Student Chapter**.

The student chapter is free for students to join. A student chapter member will have the same access as a regular, paying, member. One purpose behind starting a student

chapter at OSU is to educate and promote NSPE, OSPE & FCC to the younger generations of engineers. Engineering at Ohio State has seen its undergraduate population double in the past ten years up to approximately 10,300 students, with another one-two thousand in graduate school. The Ohio State University also plans to invest many more resources into the engineering program over the next decade as well. An engineering class of this size is sure to have dozens of engineering student chapters. How can OSPE find a niche where there are plenty of technical societies already present? The answer is OSPE's student chapter will not compete with technical societies but instead compliment them. OSUSPE will teach students what NSPE represents; define and protect the value of a professional license -not just a license but also the engineering degree- all while teaching professionalism, the importance of networking and provide the student's access to professional or experienced engineers.

OSUSPE can utilize whatever services NSPE and OSPE has to offer. Some activities that will be pitched to the students are to attend FCC board meetings and FCC will host a couple meetings on OSU to help minimize the students' commute. Student members can also attend CPD sessions and upcoming conferences. Students will have access to OSPE's exam preparation for the Fundamentals of Engineering exam, as well as activities such as MATHCOUNTS, Imagine Engineering, any of the activities during engineer's week in February, as well as miscellaneous activities such as tours or listening to a guest speaker. The resources exist to get a student chapter up and running but help from FCC/OSPE members will be key.

OSPE represents all licensed engineers and OSUSPE will focus on attracting all disciplines of engineering students. Assistance from FCC/OSPE members will help the student chapter start-up effort. If you would like to help, please contact Kevin Monroe ([krmonroe@HNTB.com](mailto:krmonroe@HNTB.com)) or Kevin Ernst ([kevin.ernst@terracon.com](mailto:kevin.ernst@terracon.com)) with FCC.





# Columbus Engineer

## 2016-2017 OFFICERS, TRUSTEES & COMMITTEE CHAIRS

	Name	Phone # (w) or (h)	Cell Phone #	E-mail Address
President	<b>Kevin Ernst, PE</b>	614-863-3113 (w)	614-203-1199	kevin.ernst@terracon.com
Chapter Secretary	<b>Steve Wilson, PE</b>	614-552-1714 (w)	614-832-5019	sfwilson@aep.com
Treasurer	<b>Steve Day, PE</b>	614-876-7525 (w)	614-531-2858	lday1@columbus.rr.com
Past President	<b>Paul F. Junk, PE, PS</b>	740-363-4462 (h)	740-972-1915	pjunk1@columbus.rr.com
Adminstrative Assistant	<b>Nancy Mergel</b>	614-863-3134 (h)	614-866-2861	OSPEFCC@aol.com
	<b>NEW FCC-OSPE Website</b>			www.fccospe.org
OSPE Executive Director	<b>Tim Schaffer</b>	614-223-1144 (w)		exec@ohioengineer.com
OSPE/EFO Staff	<b>Pam McClure</b>	614-223-1144 (w-OSPE)		admin@ohioengineer.com
	<b>Holly Ross</b>	614-223-1177 (w-EFO)		pr@ohioengineer.com
<b>VICE-PRESIDENT</b>	<b>TRUSTEE/COMMITTEE</b>	<b>CHAIRPERSON</b>	<b>TELEPHONE</b>	<b>E-MAIL</b>
Ben Brown, PE	President-Elect	Ben Brown, PE	614-468-1200 (b) 614-519-8978 (c)	benbrown@cmtengr.com
	Programs/CPD/Activity	Leon Winget, PhD, PE	614-395-8249 (c)	lewinget@att.net
	Membership	Ron Eifert, PE	614-885-4138 (h) 614-315-9551 (c)	roneifert@aol.com
	Young Engineer Trustee	Josh Otworth, EI	614-468-1208 (w) (cell)	jotworth@cmtengr.com
	Retired Engineers Trustee	Ron Eifert, PE	614-885-4138 (h) 614-315-9551 (c)	roneifert@aol.com
	PEHE Trustee	Alden Jenkins, MBA, PE, PS	614- 891-9431 (h) 614-287-3693 (w)	ajenkin2@csc.edu
	Chapter Directory	Steve Wilson, PE	614-552-1714 (w) 614-832-5019(c)	sfwilson@aep.com
Paul F. Junk, PE, PS	Vice-President	Paul F. Junk, PE, PS	740-363-4462 (h) 740-972-1815 (c)	pjunk1@columbus.rr.com
	Science Day (District)	Yogesh Rege, PE	614-328-5137 (w) 304-951-7847 (c)	yogesh.rege@terracon.com
	Scholarship	Joe Sullivan, PE	614-486-4383 (w) 614-561-5447 (c)	joe.sullivan@stantec.com
	Columbus Engineer Editor	Howard Jones, PE	614-209-3289 (h) 614-209-3289 (c)	hrjones63@yahoo.com
	Engineers Week Luncheon	CR Weaver, PE	614-645-7100 (w) 614-946-2961 (h)	CRWeaver@columbus.gov
	Engineer For A Day	Charles Ohrstedt	614-937-1512 (c)	mohrstedt@sbcglobal.net
	PEG Trustee	CR Weaver, PE	614-645-7100 (w) 614-946-2961 (h)	CRWeaver@columbus.gov
Tina Sutermeister, PE	Vice-President	Tina Sutermeister, PE	740-964-0828 (h) 740-964-0828 (c)	tsuterm@embarqmail.com
	MATHCOUNTS (Reg) Co-Chair	Joe Bolzenius, PE	614-498-0339 (w) 614-354-4933 (h)	joseph.bolzenius@hotmail.com
	MATHCOUNTS (Reg) Co-Chair	Ben Brown, PE	614-468-1200 (b) 614-519-8978 (c)	benbrown@cmtengr.com
	Awards/Citations	Ron Eifert, PE	614-885-4138 (h) 614-315-9551 (c)	roneifert@aol.com
	Legislative	Steve Day, PE	614-876-7525 (w) 614-531-2858 (c)	lday1@columbus.rr.com
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	EFO Liaison	Steve Day, PE	614-876-7525 (w) 614-531-2858 (c)	lday1@columbus.rr.com
Charles Ohrstedt, PE	Vice-President	Charles Ohrstedt, PE	614-937-1512 (c)	mohrstedt@sbcglobal.net
	Imagine Engineering Contest	Devon Seal, PE	614-221-0678 (b) 614-208-6986 (c)	devon_seal@gspnet.com
	Auxiliary Trustee	Jane Smith	614-451-6911 (h)	jecree@sbcglobal.com
	OSPE Director	Ron Eifert, PE	614-885-4138 (h) 614-315-9551 (c)	roneifert@aol.com
	Constitution & By-Laws	Devon Seal, PE	614-221-0678 (b) 614-208-6986 (c)	devon_seal@gspnet.com
	PEPP Trustee	Gene Geiger, PE	614-328-5206 (w) 614-558-3327 (c)	gene.geiger@terracon.com
	PEC Trustee	Yogesh Rege, PE	614-328-5137 (w) 304-951-7847 (c)	yogesh.rege@terracon.com

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## *Columbus Engineer*

# 2016-17 CALENDAR

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Sept. 13	5:30 p.m.	FCC Board Meeting @ Terracon Consultants, Inc.
Sept. 15	11:30 a.m.	<b>Program: Update on Professional Engineer Requirements – John Greenhalge, Executive Director of the Ohio State Board of PE/PS</b>
Sept. 24		Ohio Engineering Certificate Ceremony (OSPE) – Ohio Statehouse
Sept. 25	5:00 p.m.	Deadline for October <i>Columbus Engineer</i>
Oct. 11	5:30 p.m.	FCC Board Meeting @ Terracon Consultants, Inc.
Oct. 16	5:00 p.m.	Deadline for November <i>Columbus Engineer</i>
Oct. 20	11:30a.m.	<b>Program: Inspection of Bridges with Rope Technology – Michael Seal, Bridge Inspection Supervisor with Burgess &amp; Niple</b>
Nov. 8	5:30 p.m.	FCC Board Meeting @ Terracon Consultants, Inc.
Nov. 13	5:00 p.m.	Deadline for December <i>Columbus Engineer</i>
Nov. 17	11:30 a.m.	<b>Program: US23.I-270 Interchange Completion and Results – Brian Davidson, PE, Project Manager at ODOT District 6</b>
Dec. 13	5:30 p.m.	FCC Board Meeting @ Terracon Consultants, Inc.
Dec. 18	5:00 p.m.	Deadline for January <i>Columbus Engineer</i>
Jan. 10	5:30 p.m.	FCC Board Meeting @ Terracon Consultants, Inc.
Jan. 15	5:00 p.m.	Deadline for February <i>Columbus Engineer</i>
Jan. 19	11:30a.m.	<b>Program: TBA</b>
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. 11	8:00 a.m.	Regional Mathcounts Competition @ Columbus State Community College
Feb. 19-25		National Engineers Week (see <a href="http://www.eweek.org">www.eweek.org</a> )
Feb. 22	8:00 a.m. – 3:00 p.m.	Engineer for a Day Program
Feb. 23	11:30 a.m.	<b>Program: E-Week Luncheon</b>
Mar. 11	8:15 a.m. – 4:00 p.m.	Ohio Mathcounts Competition (OSPE, see <a href="http://www.ohioengineer.com">www.ohioengineer.com</a> )
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.	<b>Program: TBA</b>
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.	<b>Program: TBA</b>
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:	<a href="mailto:ospefcc@aol.com">ospefcc@aol.com</a>	(614) 470-4170
FCC-OSOE President E-mail & Phone:	<a href="mailto:kevin.ernst@terracon.com">kevin.ernst@terracon.com</a>	(614) 203-1199
OSPE-FCC WEBSITE:	<a href="http://www.fccospe.org">www.fccospe.org</a>	
OSPE WEBSITE:	<a href="http://www.ohioengineer.com">www.ohioengineer.com</a>	
NSPE WEBSITE:	<a href="http://www.nspe.org">www.nspe.org</a>	
To volunteer to help with MATHCOUNTS:	<a href="mailto:joseph.bolzenius@hotmail.com">joseph.bolzenius@hotmail.com</a>	(614) 498-0339
To volunteer to help with Science Day:	<a href="mailto:yogesh.rege@terracon.com">yogesh.rege@terracon.com</a>	(614) 863-3113
To volunteer to help with OSU Student Chapter:	<a href="mailto:krmonroe@HNTB.com">krmonroe@HNTB.com</a>	(614) 493-5515
To volunteer to help with Imagine Engineering:	<a href="mailto:devon_seal@gspnet.com">devon_seal@gspnet.com</a>	(614) 221-0678
FCC Luncheons / Programs:	<a href="mailto:lewinget@att.net">lewinget@att.net</a>	(614) 552-1697
New Members / Membership Application	<a href="http://www.nspe.org">www.nspe.org</a> or <a href="http://www.ohioengineer.com">www.ohioengineer.com</a>	(614) 223-1144

**STATUS PE LICENSE PLATE**

**FRAME ACTIVITY**

As most chapter members are aware the chapter has been making "PE License Plate Frames" available for a \$5.00 donation per frame plus shipping and handling.

About one year ago Jim Arnold, PE set up a web site for luncheon registration and pay for the monthly luncheon program. The site also has copies of past issues of the Columbus Engineer and a store where one can order the PE License Plate Frame. Web site store, <http://www.fccospe.org/store>.

Since July 1, 2016 FCC has received donations for 110 PE Frames. Most orders came from the article presented on the NSPE COMMUNITY Open Forum.

You can get your frame at a luncheon meeting for a \$5.00 donation per frame without having to pay shipping and handling. They make an ideal gift for newly licensed Professional Engineers, or for a spouse, an associate, friend, son or daughter who is a Professional Engineer.

**FCC Auxiliary September Meeting**

The Auxiliary to the Franklin Co. Chapter of OSPE will meet for a noon luncheon on Tuesday, September 20, at Worthington Hills Country Club, Clubview Blvd South, Worthington, Ohio 43235. Christine Hayes will give a presentation on "Lost Restaurants in Columbus".

Guests are always welcome. To make a reservation, call Jean Mitchell at 614-262-7071.



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