



Columbus Engineer

Franklin County Chapter

A chapter chartered by the Ohio Society of Professional Engineers.

P.O. Box 69
Reynoldsburg, OH 43068-0069

Mar. 2020
Vol. 78 No. 7

President's Message

Dustin Doherty, P.E., CPESC

I am taking this time to thank the officers, committee chairs and trustees for your contribution to our success this past year. Without your efforts, we would be just another paper organization. The Franklin County Chapter is not just another organization. We are very involved in all activities and we are the show-case of the Ohio Society of Professional Engineers.



Thank you, and I hope to see you at an upcoming event.

2020 Engineer For A Day Program

by Charles Orschedt

The 2020 **Engineer For A Day** program was a success again this year. A total of 55 students registered to participate in this year's program. They came from a variety of Central Ohio schools.

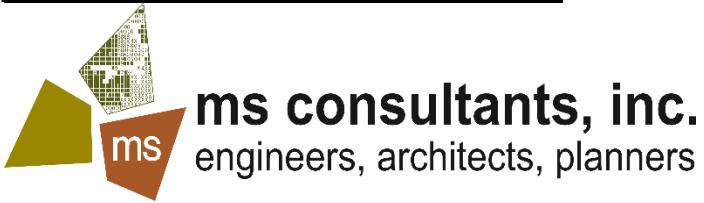
Big Walnut High School
Bishop Hartley High School
Bishop Ready High School
Central Crossing High School
Columbus School for Girls
Fort Hayes Arts & Academic High School
Grandview Heights High School
Horizon Science Academy Columbus
Independence High School
Metro Early College High School
New Albany High School
Upper Arlington High School
Walnut Ridge High School

The following Businesses agreed to Participate, below is a listing with the number students assigned to each business:

Vertiv – 7	City of Col. - 16
Shirk&O'Donovan – 2	CEC – 3
MJ Engineering – 2	Arcadis – 6
IBI Group – 1	AEP - 11
FCEO – 5	S&ME – 0 *
EMH&T – 3	Terracon – 0 *

*(not enough students to place with participant)

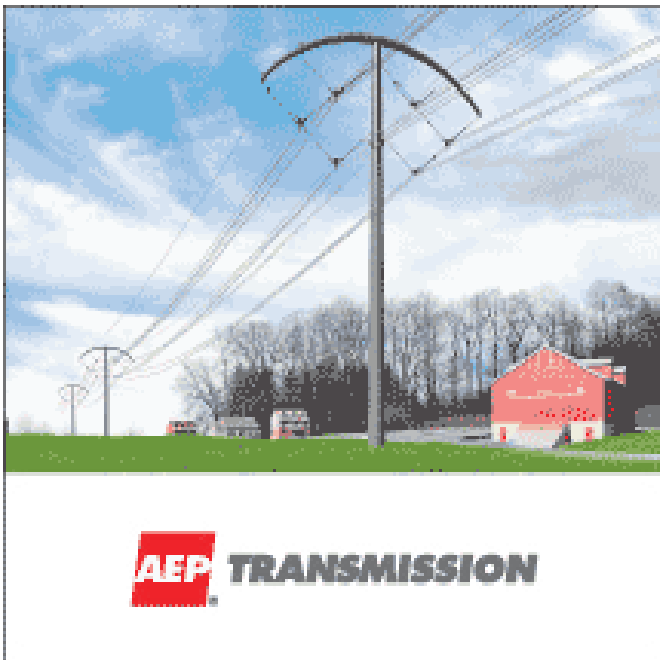
A large advertisement for Terracon Consulting Engineers and Scientists. The ad features a collage of images including a modern skyscraper, industrial facilities, and a construction site. The company name "Terracon" is prominently displayed in a large, stylized font. Below the name, it says "Consulting Engineers and Scientists" and "Offices Nationwide • terracon.com". Contact information for Kevin M. Ernst, P.E., Office Manager, is provided, including his email and phone number. The address "800 Morrison Road, Gahanna OH 43230" is also listed. At the bottom, there is a list of services: Environmental, Facilities, Geotechnical, and Materials, each preceded by a small orange square icon.



2020 EFAD – continued

The EFAD program appreciates the efforts of the students to investigate the professional engineering opportunities in the Central Ohio area. The time that professional engineering firms invested in sharing the Professional Engineering is also greatly appreciated.

If you have students in high school that are interested in Engineering and may be in STEM (Science, Technology, Engineering, Math) programs please pass on our EFAD contact information so that the EFAD 2021 master school contact list listing: High School career councilor's may be updated to include STEM teachers. We believe that working as closely with the teachers and students will allow unique opportunities in investigating working careers for high school students.



Imagine Engineering

Devon Seal

The Imagine Engineering Program was a huge success again this year. This is all made possible by our wonderful volunteers. I thank you all for your dedication to bringing engineering to second grade students year after year. It really makes a difference to expose them to engineering at an early age. This year we had 12 volunteers visit 23 schools, and as a chapter we reached over 1,750 students.

Congratulations to our local chapter winners whose entries will be entered into the State competition at the end of the month. First Place is Molly Arnold from Trinity Elementary, Second Place is Elizabeth Dietz from Dresden Elementary, and Third Place is Zoey Parks from Licking Valley Elementary.

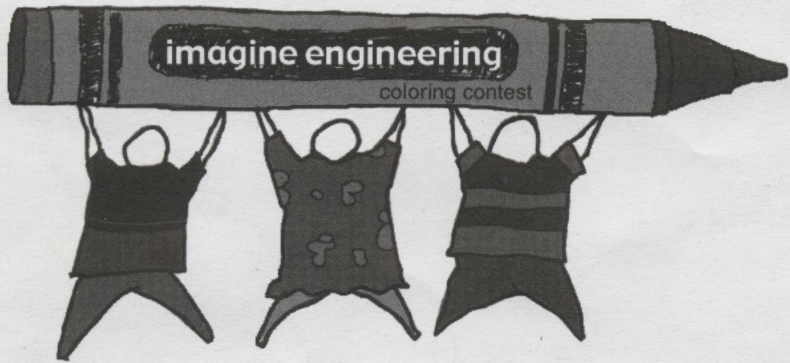
The winning entries can be seen on the next few pages.

OSPE-FCC March Luncheon Program CANCELLED

IN COMPLIANCE WITH GUIDELINES ISSUED.

HEALTH AND SAFETY ARE ALL OF OUR RESPONSIBILITY. PROTECT YOURSELVES, YOUR FAMILY, FRIENDS, AND NEIGHBORS IN THIS TIME OF NEED. FOR CURRENT UPDATES CONCERNING THE SPREAD OF THE COVID-19 WORLDWIDE PANDEMIC SEE THE FOLLOWING WEBSITE:

<https://www.arcgis.com/apps/opstdashboard/index.html#/bda7594740fd40299423467b48e9ecf6>



Presented by **ENGINEERS FOUNDATION OF OHIO**
Advancing Engineering Education in Ohio

With support from **NSPE-OH** OHIO SOCIETY OF PROFESSIONAL ENGINEERS

Sponsor **AMERICAN ELECTRIC POWER FOUNDATION**

Directions:

- 1) Print your name, your school's name, and your teacher's name here.
- 2) Think about what engineers do in your hometown.
- 3) Draw and color an original picture of engineers working.
- 4) Turn in your art to your teacher by the deadline announced in class.
Your teacher will need to return artwork to your Ohio Society of Professional Engineers' volunteer by his or her deadline.
- 5) We will notify the state's top three winners.

Prizes:

The 1st, 2nd and 3rd place statewide winners will win:

- 1st -- Telescope (\$200 value)
- 2nd -- Big Screen Microscope (\$60 value)
- 3rd -- MathShark Skill Game (\$40 value)

In addition, the 1st place winner will have his/her art and school photo published in **OhioENGINEER** magazine!

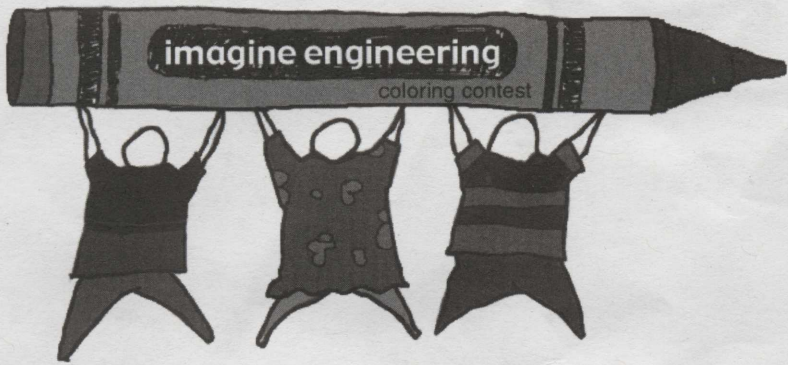
Name: Molly Arnold Gr.2
School and City: Columbus, OH Trinity
Your Teacher's Name: Miss Olvera

**Thanks for participating
and HAVE FUN!**

FIRST PLACE

Top of Coloring





Presented by



**ENGINEERS
FOUNDATION OF OHIO**
Advancing Engineering Education in Ohio

With support from



OHIO SOCIETY OF
PROFESSIONAL ENGINEERS

Sponsor



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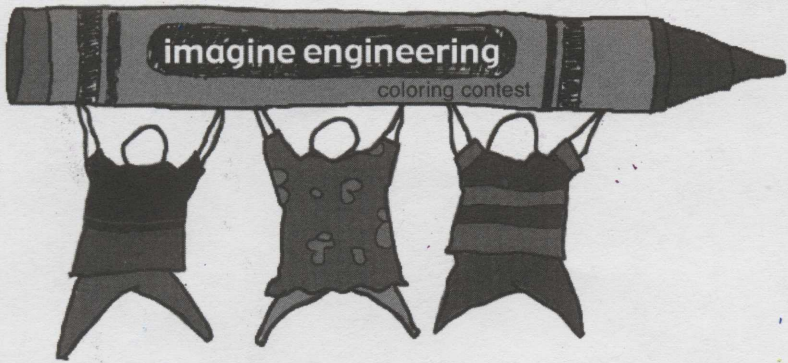
Name: Elizabeth Dietz
School and City: dresden, dresden elementary
Your Teacher's Name: miss GiniKos

**Thanks for participating
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SECOND PLACE

Top of Coloring





Presented by **ENGINEERS FOUNDATION OF OHIO**
Advancing Engineering Education in Ohio

With support from **NSPE-OH** OHIO SOCIETY OF PROFESSIONAL ENGINEERS

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Directions:

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Your teacher will need to return artwork to your Ohio Society of Professional Engineers' volunteer by his or her deadline.
- 5) We will notify the state's top three winners.



Name: Zoey Parks
School and City: Licking Valley
Your Teacher's Name: MS. Hoyd

Prizes:

The 1st, 2nd and 3rd place statewide winners will win:

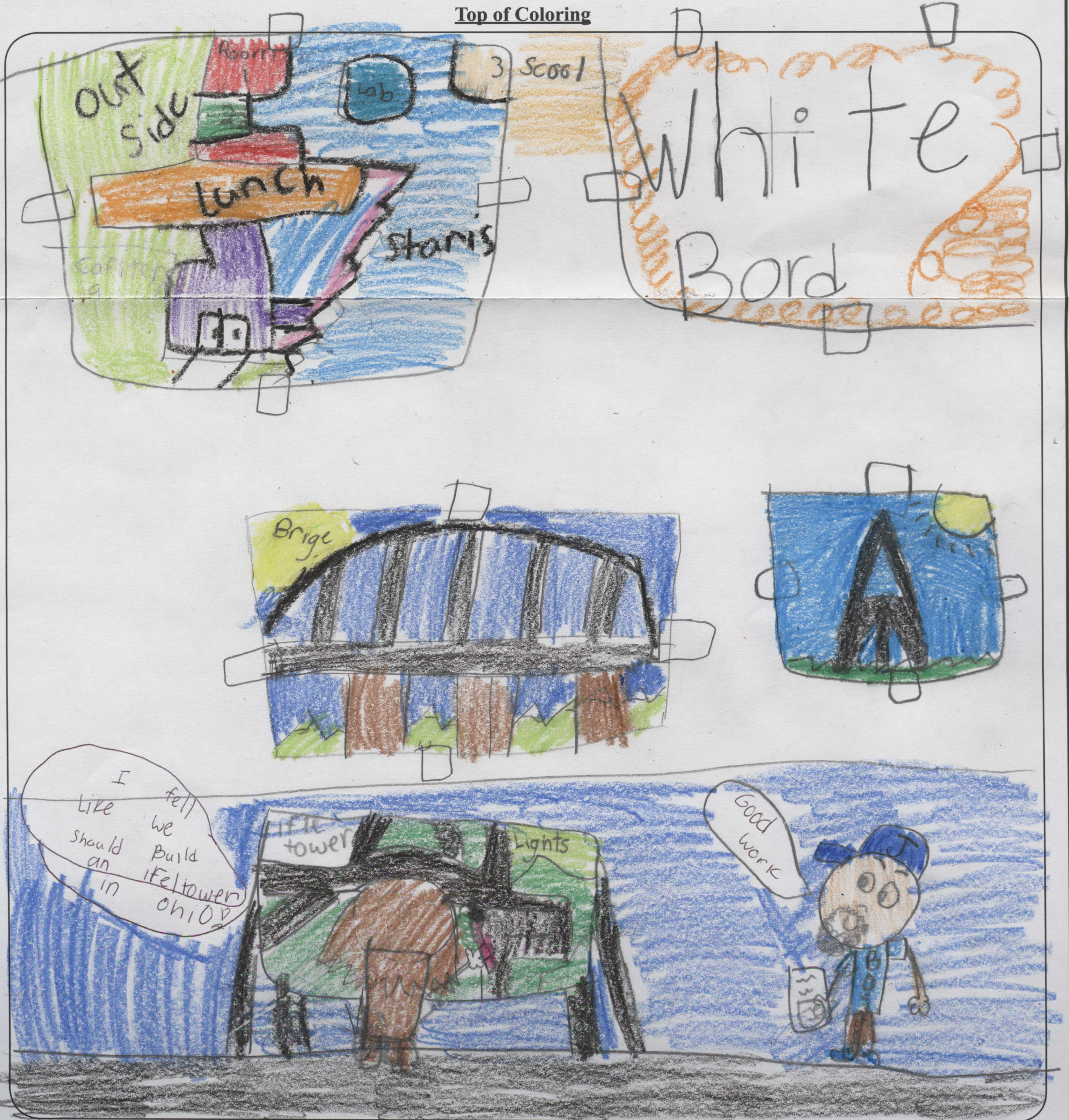
- 1st -- Telescope (\$200 value)
- 2nd -- Big Screen Microscope (\$60 value)
- 3rd -- MathShark Skill Game (\$40 value)

In addition, the 1st place winner will have his/her art and school photo published in **OhioENGINEER** magazine!

**Thanks for participating
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THIRD PLACE

Top of Coloring



A MATHCOUNTS Thank You

**Joseph Bolzenius – FCC Regional MATHCOUNTS
Volunteer Coordinator**

Thank you so much to the volunteers who helped-out for the Regional Competition. We had a record number of volunteers with 30 proctors and 30 graders attending, making it a successful event. One student from Hastings (our chapter) is going on to the National competition after scoring so well in the state competition on 3/7/20. Below is a listing of the Regional Competition Results from 2/8/2020.

Top Scoring Teams:

- 1st – Hastings MS (Arlington)
- 2nd – Karrer MS (Dublin)
- 3rd – Olentangy Orange MS
- 4th – Genoa MS (Westerville)

Top Scoring Mathletes (not on a Winning Team):

Nicholas Spetie – Olentangy Orange
Luke Hann – Granville MS
Audrey Lu – Dublin Karrer MS
Fred Zeng – Jones MS
Sam Giles – Gahanna MS South
Tej Sampath – Franklin County Homeschool
Rohan Narisetti – Hilliard Station 6th G. Sch.
Arjun Manda – Olentangy Liberty

Top Scoring Mathletes:

- 1. Nicholas Spetie – Olentangy Orange
- 2. Andrew Boyd – Genoa MS
- 3. Luke Hann – Granville MS
- 4. Candy Liu – Karrer MS

Countdown Round Winners:

- 1. Andrew Boyd – Genoa MS
- 2. Kevin Wang – Hasting MS
- 3. Tej Sampath – Franklin County Home S
- 4. Audrey Lu – Dublin Grizzell

I hope to see many of you next year as we continue this excellent program to encourage our young mathletes!

Introducing a New Member of the NSPE Team



NSPE recently welcomed Erik Schonher as its Chief Engagement Officer, Development and State Support. In this new role, Schonher will bring a fresh focus to leveraging NSPE's integrated membership model and relationships with state society partners to increase the value and impact of membership. He will also enhance communication and marketing initiatives across all levels of the organization.

With over 30 years of management and marketing experience, Schonher brings a key ability to implement strategies to increase membership, drive revenue, and accomplish strategic and financial goals. He founded two successful association strategic membership and marketing agencies and held a leadership position for 12 years with Marketing General Incorporated as vice president.

Schonher has worked with over 50 associations as a marketing and strategy consultant. In those roles, he designed membership programs that generated a total of over \$100 million in client revenue and increased renewal rates by 7% by designing and implementing new member onboarding programs and multi-channel campaigns.

Prior to joining NSPE, Schonher was the senior director, information services and analytics at The Humane Society of the United States.

(Excerpted from NSPE UPDATE, March 2020)



STOP THE SPREAD OF GERMS

Help prevent the spread of respiratory diseases like COVID-19.

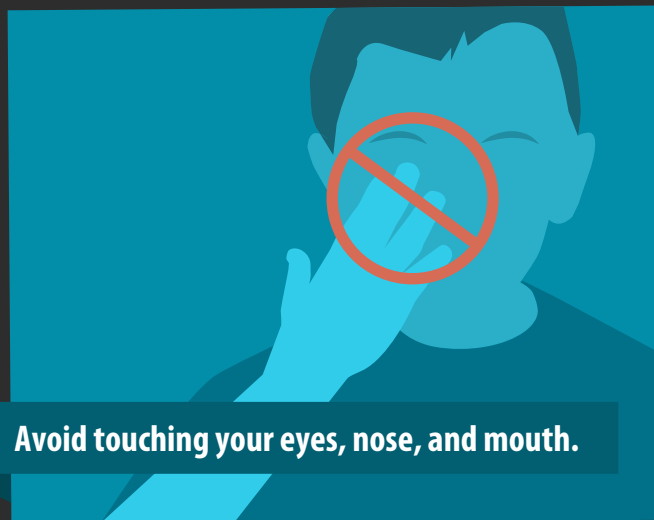
Avoid close contact with people who are sick.



Cover your cough or sneeze with a tissue, then throw the tissue in the trash.



Avoid touching your eyes, nose, and mouth.



Clean and disinfect frequently touched objects and surfaces.



Stay home when you are sick, except to get medical care.



Say your ABC's, or sing Happy Birthday twice.

Wash your hands often with soap and water for at least 20 seconds.



2019-2020 CALENDAR

Sept. 24	5:00 p.m.	Deadline for October <i>Columbus Engineer Newsletter</i>
Oct. 8	5:30 p.m.	FCC Board Meeting @ Civil & Environmental Consultants, Inc.
Oct. 17	11:30 a.m.	Program: From Soil Profiles to Recommendations: Foundations, Floor Slabs, and Pavements
Oct. 17	5:00 p.m.	Deadline for November <i>Columbus Engineer Newsletter</i>
Nov. 12	5:30 p.m.	FCC Board Meeting @ Civil & Environmental Consultants, Inc.
Nov. 21	11:30 a.m.	Program: "OEPA Stormwater Regulations and Their Solution"
Nov. 30	5:00 p.m.	Deadline for December <i>Columbus Engineer Newsletter</i>
Dec. 10	5:30 p.m.	FCC Board Meeting @ Civil & Environmental Consultants, Inc.
Dec. 17	5:00 p.m.	Deadline for January <i>Columbus Engineer Newsletter</i>
Jan. 14	5:30 p.m.	FCC Board Meeting @ Civil & Environmental Consultants, Inc.
Jan. 16	5:00 p.m.	Deadline for February <i>Columbus Engineer Newsletter</i>
Jan. 23	11:30 a.m.	Program: "Ohio's Approach to Post-Construction Storm Water Quality Management"
Feb. 8	8:00 a.m.	Regional MathCounts Competition (OSPE, see www.ohioengineer.com)
Feb. 11	5:30 p.m.	FCC Board Meeting @ Civil & Environmental Consultants, Inc.
Feb. 15	5:00 p.m.	Deadline for March <i>Columbus Engineer Newsletter</i>
Feb. 17-21		National Engineer's Week (see www.eweek.com)
Feb. 18	8:00 a.m. – 3:00 p.m.	Engineer For A Day Program 2020
Feb. 20	11:30 a.m.	Program: E-Week Luncheon – Engineers: Pioneers of Progress
Mar. 7	8:15 a.m. – 4:00 p.m.	Ohio State MathCounts Competition (OSPE, see www.ohioengineer.com)
Mar. 10	5:30 p.m.	FCC Board Meeting @ Civil & Environmental Consultants, Inc.
Mar. 26	11:30 a.m.	Program: CANCELLED
Mar. 20	5:00 p.m.	Deadline for April <i>Columbus Engineer Newsletter</i>
Mar. 14	8:00 a.m. ~ 3:30 p.m.	District Science Day @ CSCC
Apr. 14	5:30 p.m.	FCC Board Meeting @ Civil & Environmental Consultants, Inc.
Apr. 15	5:00 p.m.	Deadline for May <i>Columbus Engineer Newsletter</i>
Apr. 16	11:30 a.m.	Program: TBA
May 12	5:30 p.m.	FCC Board Meeting @ Civil & Environmental Consultants, Inc.
May 20	5:00 p.m.	Deadline for June <i>Columbus Engineer Newsletter</i>
May 21	6:30 p.m.	Chapter Officer Installation / Awards Dinner
June 9	5:30 p.m.	FCC Board Meeting @ Civil & Environmental Consultants, Inc.
July (TBA)		FCC Budget Meeting – Location to be announced

Civil & Environmental Consultants, Inc.

Address: 250 Old Wilson Bridge Rd - Suite 250, Worthington, OH 43085

WHERE DO I GET MORE INFORMATION?

OSPE-FCC President E-mail & Phone:	ddoherty@cecinc.com	(614) 359-6321 c
OSPE-FCC WEBSITE	www.fccospe.org	
OSPE WEBSITE:	www.ohioengineer.com	
NSPE WEBSITE:	www.nspe.org	
To volunteer to help with <i>MATHCOUNTS</i> :	benjamin_brown68@yahoo.com	(614) 519-8978
To volunteer to help with <i>Science Day</i> :	yogesh.rege@terracon.com	(614) 863-3113
To volunteer to help with <i>OSU Student Chapter</i> :	mccarthy.226@osu.edu	(614) 247-1561
To volunteer to help with <i>Imagine Engineering</i> :	devon_seal@gspnet.com	(614) 221-0678
FCC Luncheons / Programs:	ebriedis@cecinc.com	(614) 468-6222
New Members / Membership Application	www.nspe.org or www.ohioengineer.com	(614) 223-1144

2019-2020 OFFICERS, TRUSTEES & COMMITTEE CHAIRS

	Name	Phone # (w) or (h)	Cell Phone #	E-mail Address
President	Dustin Doherty, PE, CPESC	614-310-2075 (w)	614-359-9321 (cell)	ddoherty@cecinc.com
Vice President/Pres. Elect	TBD			
Chapter Secretary	Baba Yahaya, PE	614-863-3113 (w)	614-517-7864 (cell)	Baba.Yahaya2@terracon.com
Treasurer	Steve Day, PE	614-876-7525 (w)	614-531-2858 (cell)	lday1@columbus.rr.com
Past President	Ben Brown, PE	614-818-4900 (w)	614-519-8978 (cell)	ben.brown@ibigroup.com
Administrative Assistant	Dawn Morrison	614-328-5148 (w)	614-313-3814 (cell)	dawn.morrison@terracon.com
	NEW FCC-OSPE Website			www.fccospe.org
OSPE Executive Director	Tim Schaffer	614-223-1144 (w)		exec@ohioengineer.com
OSPE/EFO Staff	Pam McClure	614-223-1144 (w-OSPE)		admin@ohioengineer.com
	Holly Ross	614-223-1177 (w-EFO)		pr@ohioengineer.com
VICE-PRESIDENT	TRUSTEE/COMMITTEE	CHAIRPERSON	TELEPHONE	E-MAIL
Dustin Doherty, PE, CPESC	Vice-President	Dustin Doherty, PE, CPESC	614-310-2075 (w) 614-359-9321 (cell)	ddoherty@cecinc.com
	Programs/CPD/Activity	Erik Briedis, PE	614-468-6222 (w) 513-265-4938 (cell)	ebriedis@cecinc.com
	Membership	Dustin Doherty, PE, CPESC	614-310-2075 (w) 614-359-9321 (cell)	ddoherty@cecinc.com
	Young Engineer Trustee	Dustin Doherty, PE, CPESC	614-310-2075 (w) 614-359-9321 (cell)	ddoherty@cecinc.com
	Retired Engineers Trustee	TBD		
	PEHE Trustee	Tim McCarthy, PE	614-315-9551 (cell) 614-247-1561 (w) 614-670-1175 (cell)	mccarthy.226@osu.edu
	OSU - Student Chapter Liason	Tim McCarthy, PE	614-247-1561 (w) 614-670-1175 (cell)	mccarthy.226@osu.edu
Yogesh Rege, PE	Vice-President	Yogesh Rege, PE	614-328-5137 (w) 304-951-7874 (cell)	yogesh.rege@terracon.com
	Science Day (District)	Yogesh Rege, PE	614-328-5137 (w) 304-951-7874 (cell)	yogesh.rege@terracon.com
	Scholarship	Joe Sullivan, PE	614-486-4383 (w) 614-561-5447 (cell)	joe.sullivan@stantec.com
	Columbus Engineer - Editor	Howard Jones, PE	614-209-3289 (h) 614-209-3289 (cell)	hrjones63@yahoo.com
	Engineers Week	CR Weaver, PE	614-645-7100 (w) 614-946-2961 (h)	CRWeaver@columbus.gov
	Engineer For A Day	Charles Ohrstedt, PE	614-937-1512 (cell)	mohrstedt@sbcglobal.net
	PEG Trustee	Ron Trivisonno, PE	614-328-5137 (w) 614-395-7098 (cell)	ronald.trivisonno@terracon.com
Erick Briedis, PE	Vice-President	Erik Briedis, PE	614-468-6222 (w) 513-265-4938 (cell)	ebriedis@cecinc.com
	MATHCOUNTS Chair	Ben Brown, PE	614-818-4900 (w) 614-519-8978 (cell)	ben.brown@ibigroup.com
	Awards/Citations	Tina Sutermeister, PE	740-964-0828 (h) 614-537-7660 (cell)	tsuterm@embargmail.com
	Legislative	Steve Day, PE	614-876-7525 (w) 614-531-2858 (cell)	lday1@columbus.rr.com
	PEI Trustee	Richard Smelker, PE	614-933-2236 (w)	rdsmelker@aep.com
	EFO Liaison	Steve Day, PE	614-876-7525 (w) 614-531-2858 (cell)	lday1@columbus.rr.com
	Chapter Directory	Erik Briedis, PE	614-468-6222 (w) 513-265-4938 (cell)	ebriedis@cecinc.com
Mehrdad Rowhani, PE	Vice-President	Mehrdad Rowhani, PE	614-328-1197 (w) 773-517-1036 (cell)	Mehrdad.Rowhani@terracon.com
	Imagine Engineering Contest	Devon Seal, PE	614-221-0678 (b) 614-208-6986 (cell)	devonseal1@gmail.com
	Auxiliary Trustee	Barbara Fuller	614-880-9221 (h)	bfuller@columbus.rr.com
	OSPE Director	Kevin Ernst, PE	(614) 863-3113 (w) (614) 203-1199 (cell)	Kevin.Ernst@terracon.com
	Constitution & By-Laws	Devon Seal, PE	614-221-0678 (b) 614-208-6986 (cell)	devonseal1@gmail.com
	PEPP Trustee	Liz Barrow, PE	614-793-7796 (w) 502-417-9756 (cell)	Liz.Barrow@terracon.com
	PEPP Trustee	S. Rao Chitikela, PE	412-310-9452 (cell)	srao.chitikela@gmail.com
	PEC Trustee	TBD		

FIRST CLASS

OHIO SOCIETY OF
PROFESSIONAL ENGINEERS
Franklin County Chapter
P.O. Box 69
Reynoldsburg, Ohio 43068



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