



# The Philadelphia Engineer

Founding Chapter 1934 – May 2016 issue

## PRESIDENT'S MESSAGE

The past year as president has gone quickly, but nonetheless has been successful for the Chapter. Through a true group effort, we have been able to continue serving our fellow professionals and supporting the community in which we live and work; in particular events that promote Science, Technology, Engineering and Math (STEM) educational activities.

Our programs for members have included opportunities for continuing education such as geotechnical engineering of raising slabs through pressure grouting, electrical engineering topics such as the evolution of variable speed drives and civil engineering the Schuylkill Banks Boardwalk. We had a tour of the SEPTA Control Center which was fascinating and showed the cutting edge side of SEPTA's work, including the soon to be introduced electronic fare collection system.

Our annual banquet gave us an opportunity to publicly congratulate the winners of the Delaware Valley Outstanding Engineering Achievement Award, hear a very interesting presentation by the Delaware Valley Engineer of the Year, Kevin Johnson, PE, as well as socialize with our friends in the society.

The year started off in May 2015 with another successful celebration of STEM activities at our awards dinner held at and sponsored by CBS3 in Philadelphia. Sea Perch, Future Cities and Mathcounts students were well represented and treated to a behind the scenes tour of the CBS3 all-digital (the first in the US) television and radio studio. And Mathcounts was the main event at the annual competition we sponsored along with Temple University in February 2016.

I believe our greatest accomplishment this year was increasing attendance at our monthly events, and particularly seeing new faces. I look forward as past president, and my new role as State Director (Chapter liaison with the State Board) to helping increase involvement even more and promoting the understanding of the importance of engineering and engineers to our world. Thank you to all those in the Chapter who have made this year the success that it was.

Thank you,  
Tom

## From the Editor

The reason I joined PSPE and became an active Member of the Philadelphia Chapter was to assist ALL Engineers – and all members of the general public. I think we are doing a good job at this – but we need help – we need your help.

For the coming year our Chapter will help all Engineers obtain necessary continuing education and perhaps foster more opportunities to meet with and work with others of our varying disciplines for the betterment of our careers and our efforts to protect and serve the public.

Come join us.

## Philadelphia Chapter Meeting Thursday, May 5, 2016

### Annual Meeting and Installation of Officers

Chart House Seafood Restaurant  
555 S Columbus Blvd  
Philadelphia, PA 19147

Social: 5:15 PM - Dinner: 6:15 PM  
Caesar Salad

Choice of Prime Rib or Herb Crusted Tilapia  
Crème Brulee and Coffee

Presentations 7:00 PM

Price - \$35 Free Parking

PSPE Philadelphia believes that this program will be not accepted for Professional Development Hour credit in PA, but may in other model states for participation in professional society activities.

**Reservations:** on-line at [www.pspe-philly.org](http://www.pspe-philly.org)

If you must use a company check, or for more information, please [email](mailto:rich.horenburger@pspe-philly.org) treasurer Rich Horenburger, P.E..

## Philadelphia Chapter Meeting Wednesday, May 25, 2016

### Annual STEM Awards Night at CBS3

1555 Hamilton Street - entrance on 16th Street  
between Callowhill and Spring Garden Streets  
Philadelphia, PA 19130

**More information will be provided online at:**  
[www.pspe-philly.org](http://www.pspe-philly.org)

# MATHCOUNTS

MathCounts was held on Saturday, February 21<sup>st</sup> at Temple University and hosted by the College of Engineering.

Volunteers are needed to plan for next year and assist in this great program for middle school students. Please contact Abraham EI at [ael@pennoni.com](mailto:ael@pennoni.com) for more information.

To donate to MathCounts Philadelphia  
Use the PAY PAL DONATE button below

Donate



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## PSPE Greater Philadelphia and Delaware Valley Outstanding Engineering Achievement Awards

The Outstanding, Notable and Honorable winners for outstanding engineering achievements were:

1. Vine Street Expressway Bridge Rehabilitation
2. Corporal Michael J. Crescenz VA Medical Center
3. Sugarhouse Casino Expansion

Winners were honored at the PSPE Banquet on February 27<sup>th</sup> at Springfield Country Club.

Links to see these OEA presentations are provided on our Chapter website [www.pspe-philly.org](http://www.pspe-philly.org).

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## Engineers' Creed

As a Professional Engineer, I dedicate my professional knowledge and skill to the advancement and betterment of human welfare.

I pledge:

- To give the utmost of performance;
- To participate in none but honest enterprise;
- To live and work according to the laws of man and the highest standards of professional conduct;
- To place service before profit, the honor and standing of the profession before personal advantage, and the public welfare above all other considerations.

In humility and with need for Divine Guidance, I make this pledge.

*Adopted by National Society of Professional Engineers,  
June 1954*

## NOMINATIONS

Pursuant to Bylaw 12, Section 6, Nominees for Officers and our Board, as provided by the Nominations Committee (or by petition) are provided below:

|  |                               |
|--|-------------------------------|
| <b>Robert Cargill, PE</b>                            | <b>President</b>              |
| automatic succession from President-Elect            |                               |
| <b>Erik Hoet, PE</b>                                 | <b>President-Elect</b>        |
| <b>Carl St. Pierre, PE</b>                           | <b>Vice President</b>         |
| <b>Thomas Friese, PE</b>                             | <b>Past President:</b>        |
| <b>Abraham EI</b>                                    | <b>Secretary</b>              |
| <b>Abraham EI</b>                                    | <b>Membership Secretary</b>   |
| <b>Jake Medendorp, IV, EIT</b>                       | <b>Treasurer</b>              |
| <b>Thomas Friese, PE</b>                             | <b>State Director</b>         |
| this is a three year position completing in May 2019 |                               |
| <b>Soheila Rahbari, PE</b>                           | <b>Alt State Director</b>     |
| <b>Philip Udo-Inyang, PE</b>                         | <b>Chapter Director, 2017</b> |
| <b>Ed Pluciennik, PE</b>                             | <b>Chapter Director, 2017</b> |
| <b>Justin Alexander, PE</b>                          | <b>Chapter Director, 2018</b> |
| <b>Rick Parisi, PE</b>                               | <b>Chapter Director, 2018</b> |
| <b>vacant</b>  | <b>Chapter Director, 2019</b> |
| <b>vacant</b>  | <b>Chapter Director, 2019</b> |

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## High School Scholarships

Our Chapter will be again awarding scholarships to high school students who reside or attend in Philadelphia County. Two students will receive a \$500 stipend and a merit scholarship provided by Drexel (of \$5000 per year for 5 years) or Temple (of \$2000 per year for 4 years) University. Students will be honored at our May 25<sup>th</sup> STEM Awards Night at CBS3.

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Our Chapter is proud to support  
PSPE 24 PDH Boot Camp East  
April 2017

Radisson Hotel Valley Forge  
visit <http://pspe.org/education/continuing-education/pspe-boot-camp-east/> for more

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**CLICK for CBS3 Photo Op for Engineers'**

**Week**

(look for this app on our website)