President’s Message

Dear PSPE and Chapter Members,

February is an exciting month for Engineers. This is the month we celebrate Engineers’ week. Most reading this message understand what Engineers’ week is. Those who do should ask themselves what they are doing to increase the understanding and interest in the field of engineering. Are you volunteering at your child’s school, donating to organizations, or allowing students to shadow you at work? Little gestures go a long way. Remember how you felt when you were younger. Did someone mentor you or do you wish they would have? One way to be involved is to volunteer to be a grader or proctor at this year’s MATHCOUNTS competition.

MATHCOUNTS is just one way PSPE Pittsburgh Chapter reaches out to motivate, inspire, and create competition among our future Scientists, Engineers, and Leaders. The program wouldn’t be the success that it is without the support from all of our members. Please consider donating and/or volunteering for this year’s event held on February 10. The winner of MATHCOUNTS will be celebrated at our annual National Engineers’ Week Banquet held February 24 at ESWP where I look forward to seeing all of you in attendance.

Remember, little gestures go a long way. Keep this in mind when someone, especially a child, is excited to learn what you do!

Please share the page with your colleagues. We need everyone to know about the exciting things we have going on this year.

Don’t forget to remind everyone of the importance of licensure and to express the importance of involvement through the Local, State, and National chapters. I challenge all members to encourage new membership and to reach out to their organizations to become sustaining associates.

Please visit and like our page: https://www.facebook.com/PSPEpittsburgh/.

Scott P. Sukits, PE
President 2017-2018 - Pittsburgh Chapter – PSPE
ALL Engineers, Contractors, Suppliers, and their Guests are invited to the Annual

NATIONAL ENGINEERS’ WEEK BANQUET

Saturday, February 24, 2018

NEW LOCATION: ESWP - 337 Fourth Avenue, Pittsburgh, PA 15222

Join us for an evening of fellowship, great food, and the presentation of the 2018 Engineers’ Week Chapter Awards, primarily the:

Distinguished Service Award
Gerald D. Holder, US Steel Dean of Engineering, University of Pittsburgh

Young Engineer of the Year Award
Angela M. Mayer, EIT, AM.ASCE, Asset Integrity Engineer, Williams Companies, Inc.

Outstanding Engineering Achievement Award
Beechwood Boulevard (Greenfield) Bridge Replacement Project

Gold Star Award
David A. Teorsky, General Manager, ESWP

6:00 p.m.  Hors’d’oeuvres and Cocktails (Cash Bar)  7:30 p.m.  Dinner
7:00 p.m.  Welcome and Presentation of MATHCOUNTS Awards  8:30 p.m.  Presentation of Awards

Dinner Choice (includes dessert): Choose one of the following:

___ Chicken Neapolitan, sauté chicken breast with sauce of tomato basil, oregano, and black olives
___ Tenderloin Roquefort, twin medallions with creamy Roquefort béchamel
___ Salmon Pimento, pan-seared and topped with mustard herb pimento
___ Pasta Primavera

Cost of Dinner is $60.00/person if reservations are made by February 14, 2018. Table of 10 is $600.00.
Cost of Dinner is $65.00/person if reservations are made after February 14, 2018. Table of 10 is $650.00.
Government Employee Cost is $40.00/person. DEADLINE TO REGISTER IS FEBRUARY 21, 2018.

ONLINE REGISTRATION & PAYMENT AVAILABLE AT http://pittsburghpe.org/

OR you can make your reservation by completing the form below and mailing or faxing it to the Chapter office. Do not email your credit card info; FAX it. Payment may be made by calling in your credit card info, faxing this completed form, or mailing this form with credit card info or enclosing a check. See “Payment Options” below.

Name: _______________________________ Phone/Email: ________________________________
Name: _______________________________ Phone/Email: ________________________________

Payment Options:
FAX Credit Card: ___ MASTERCARD ___ VISA ____ AMEX
Card Number: ___________________________________ Expiration Date: ___________ CVV Code_________
Name (as it appears on the credit card): __________________________________________________________
Billing Address: ____________________________________________________________________________
___ Check enclosed payable to Pittsburgh Chapter PSPE & mailed to 337 Fourth Avenue, Pittsburgh, PA 15222
Phone: 412.261.4300 (new number)  Fax 412.261.1606  Email: d.teorsky@eswp.com

Cancellations must be received three (3) days prior to the event.

The Pittsburgh Professional Engineer  Page | 2  January-February 2018
Ms. Ruthann Omer, PE, was the recipient of PSPE’s 2017 Distinguished Service Award. Ruthann was recognized for her outstanding contributions toward the social, economic, and professional status of the professional engineer. The following article by Anne Cloonan, free-lance writer, was first published by the Pittsburgh Post-Gazette on January 4, 2018.

Ruthann Omer has been on job sites since she was a teen, tagging along with her engineer father. She was only 5 years old when she attended her first Whitehall council meeting, brought there by her dad, who was municipal engineer for the borough. So it was no surprise that she became the first female municipal engineer in Allegheny County.

“It was natural to follow in his footsteps because I was always out on job sites with him,” she said of her father, the late Frederick Omer, founder of The Gateway Engineers Inc. “It’s all I ever knew,” she said.

On Tuesday, Ms. Omer, 57, of Upper St. Clair, retired from an engineering career at Gateway that spanned more than 40 years and included serving as municipal engineer for nearly a dozen communities. During that time, she usually rose at 5 a.m. and attended a municipal meeting every weeknight of her career, she said.

A civil engineer, Ms. Omer focused on sewer infrastructure work as one of her specialties. Her retirement gifts from municipalities included an engraved sewer pipe and a silver plunger encased in a glass dome. “Nobody focuses on infrastructure until something goes wrong,” she noted Tuesday.

At the time of her retirement, she was municipal engineer for Brentwood, Churchill, Emsworth, Green Hills, Jefferson Hills, Mount Oliver, Sewickley Heights, Whitehall and Upper St. Clair, supported by a team of engineers from Gateway. She previously had been engineer for Heidelberg.

Allegheny County Executive Rich Fitzgerald said Wednesday that Ms. Omer had a very collaborative way of getting people to work together across municipal and political boundaries. She was able to find common ground and discover solutions to complex problems, he said.

Ms. Omer’s father was municipal engineer for Whitehall when the borough was founded in 1948, Whitehall manager Jim Leventry said. Ms. Omer later filled the position. “2018 will be the first time since 1948 someone with the last name of Omer was not engineer,” Mr. Leventry said Wednesday.

Ms. Omer began working at Gateway Engineers before she went to the University of Pittsburgh, where she earned a degree in civil engineering. She started her first engineering job for the borough of Mount Oliver in 1982, a year before she graduated from Pitt.

Rick Hopkinson, Mount Oliver manager, said before he was hired, Ms. Omer served as a quasi-borough manager, doing long-term planning and budgeting. She was his mentor when he volunteered with the Hilltop Economic Development Corp. while in college and when he interned with the borough in 2013. If it weren’t for Ms. Omer’s mentoring, he said, he would not be manager of Mount Oliver.

The borough’s sewer infrastructure is in good shape now, he said, because under Ms. Omer’s guidance, it raised sewer rates, started a sanitary sewer fund and launched various sewer projects in the early 2000s.

Ms. Omer said aspects of her career that she enjoyed included solving problems and helping people. Now, she is creating a scholarship for female civil engineering students at Pitt. The fund will also pay to send female engineering students to gatherings of the Society for Women Engineers (SWE), which she described as a “great organization.”

Her advice for female engineering students includes finding mentors — female or male — whom they admire to help them in their careers and volunteering, which can help them meet people who can assist them with their careers, she said.

In retirement, she plans to continue to serve on the boards of the Allegheny County Conservation District, Local Government Academy, RAD Advisory Board, Streets Run and Saw Mill Run watershed associations, and as president of Hilltop Economic Development Corp., among other positions. She also hopes to spend more time with her husband, Skip Hudzema, her two stepsons and her grandson. She and her husband may travel in the U.S., Canada and Europe, she said.
GRADERS AND PROCTORS NEEDED

2018 PSPE Pittsburgh Chapter MATHCOUNTS Competition

Saturday, February 10, 2018

Location: A.W. Beattie Career Center, 9600 Babcock Boulevard, Allison Park, PA 15101

The 2018 PSPE Pittsburgh Chapter MATHCOUNTS competition will be held on Saturday, February 10, 2018, at the A.W. Beattie Career Center, located at 9600 Babcock Boulevard, Allison Park, PA 15101. To view a map of this location, please click on the following link or copy and paste it into your browser http://mapq.st/1f8pZeY or visit the A.W. Beattie Career Center home page at http://www.beattietech.com.

The MATHCOUNTS competition would not be possible without volunteers to serve as Proctors, Graders, and to perform various other tasks. If you volunteered in the past, we are very hopeful that you will once again be able to help at the 2018 competition.

Below is general information about the competition and specific information about what is required of the Proctors and the Graders.

If you have a friend, spouse, family member, or coworker who is able to volunteer, please send me their name(s) and email address(es) with your reply.

If you have any questions or need additional information, please email me or call me on my cell at 412.585.0832.

Please let me know as soon as possible if you will be able to volunteer in any way on Saturday, February 10, 2018. Thank you in advance.

Thomas C. Schwartzmier, P.E., MATHCOUNTS Committee Member

(412.585.0832 or Schwartzmier@gmail.com)

GENERAL INFORMATION:

The Pittsburgh Chapter MATHCOUNTS competition is open to all middle schools in Allegheny County. At the end of the Pittsburgh Chapter competition, both a winning team and the winning individuals will be named. The winning team will advance to the State competition to compete against other PSPE Chapter winners from across Pennsylvania. Finally, the winner of the PSPE State competition will advance to the National competition, which will be held later in the spring.

Beginning at approximately 8:45 a.m., the student MATHLETES will be given 3 different tests. As they complete each test, the test papers will be collected and sorted by the Proctors and distributed to the
Graders. The students will complete their final test at approximately 11:30 a.m., at which time they are given a lunch break while the grading continues.

Following lunch (at approximately 12:30 p.m.), the top 10 students, based on the results of the morning competition, will compete in the Countdown Round. This is done in a “game show” format, complete with a timer and buzzers. This round begins with student #10 vs. student #9, with the winner advancing to take on student #8, etc. The problems will be projected on a large screen so that all of the students, coaches, parents, and volunteers can watch and quietly participate. At the conclusion of the Countdown Round, prizes and trophies will be presented to the winners. The competition usually ends between 1:30 p.m. and 2:00 p.m.

**PROCTORS:**

There will be refreshments (coffee, tea, water, and snacks) upon arrival.

We ask proctors to arrive by 7:30 a.m. to assist in registering the teams as they arrive, assist in seating the students in the competition room, and receive instructions on your duties during the test. **Mr. Dave Samek** is in charge of the proctoring, and he will provide you with direction and information. Your duties as Proctors will be completed at approximately 11:30 a.m., at which time lunch will be provided. At this time, you will be free to leave, but you are invited and encouraged to stay and watch the Countdown Round and see if you can solve the problems as quickly as the MATHLETES.

**GRADERS:**

There will be refreshments (coffee, tea, water, and snacks) upon arrival.

We ask graders to arrive no later than 9:00 a.m. Enter through the main entrance, and you will be directed to the grading room. Graders must be seated by 9:10 a.m. to receive instructions from PSPE Chapter member **Mr. Dave Briskey, PE**, who is in charge of the grading room. The tests will begin to arrive from the competition room at approximately 9:30 a.m., and the graders will be busy until approximately 12:30 p.m. With the large number of students that will be participating, many tests will need to be graded. It is important that the tests are graded quickly and accurately, and that the results are tabulated so that the competition winners can be determined.

Lunch for the Graders will be provided when the grading is complete. At this time, you will be free to leave, but you are invited and encouraged to stay and watch the Countdown Round and see if you can solve the problems as fast as the MATHLETES.

**FOUNDING AND NATIONAL SPONSORS:**

![NSPE](image1.png) ![NCTM](image2.png) ![CNA](image3.png) ![Raytheon](image4.png)
![Texas Instruments](image5.png) ![3M](image6.png) ![Phillips 66](image7.png) 
![AoPS](image8.png) ![next thought](image9.png)
Joint Dinner Meeting and Presentation of “The Airport Master Plan”

On January 18, 2018, the Pittsburgh Chapter of the Pennsylvania Society of Professional Engineers held a joint meeting with the Beaver Chapter of PSPE at the Pittsburgh Airport Marriott. Mr. Scott Sukits, PE, Pittsburgh PSPE Chapter President, welcomed the 79 attendees. If you didn’t attend, you missed a very informative presentation and excellent speaker.

Following the Marriott’s delicious dinner, Mr. Sukits introduced the evening’s guest speaker, Mr. Thomas Woodrow, PE, Vice President of Engineering for the Allegheny County Airport Authority.

Mr. Woodrow discussed the development and planned implementation of the Airport Master Plan. The existing Pittsburgh International Airport was constructed 25 years ago as a “hub” airport for its chief tenant, USAir. Designed to handle 38 million thru passengers a year, the Pittsburgh International Airport saw many changes after 9/11, not the least of which was US Airways’ elimination of Pittsburgh as a hub airport. Today, the airport handles approximately 9 million passengers a year, primarily as a destination departure airport. These changes left the airport with multiple issues, including a landside building with a layout that was not flexible; excess ticketing and baggage space; and multiple functional problems including multiple curbs on two levels, two TSA checkpoints, as well as an international gate that was very difficult to operate. Realizing that the airport’s functions had radically changed, the ACAA initiated a Master Plan in 2014.

The Master Plan team developed multiple alternatives to address these issues. Through multiple meetings with the major stakeholders, including the airlines, the team developed a preferred choice. The Terminal Modernization Plan (see rendering on next page) includes construction of a new landside terminal immediately adjacent to the airside terminal (see rendering on next page); new road system, parking lots, and a new parking garage; modifications to the existing airside terminal; and demolition of the existing landside terminal and parking garage. This plan will make airport operations more efficient, more customer friendly, and provide additional space for development.

ACAA is beginning the process of hiring consultants to design the various components of this $1 billion project with RFQs for design teams expected to be issued during the first quarter of 2018.

While the new terminal design is in the very early stages of development, upkeep of the current airport is ongoing. Mr. Woodrow stated that ACAA has an $18.5 million program in place for 2018 for the work at Pittsburgh International and Allegheny County Airports.
Terminal Modernization Plan
The Clear Winner for Pittsburgh, ACAA, and the Airlines

Check-In/Landside Commercial Area
Conceptual Rendering

12/08/2017
Engineers’ Week was founded in 1951 by NSPE and is dedicated to ensuring a diverse and well-educated future engineering workforce by increasing the understanding of and interest in engineering and technology careers. Engineers’ Week promotes recognition among parents, teachers, and students of the importance of a technical education and a high level of math, science, and technology literacy. It motivates youth to pursue engineering careers. Each year, Engineers’ Week reaches thousands of schools, businesses, and community groups across the United States.

In conjunction with Engineers’ Week, the Pittsburgh Chapter, PSPE will hold an Awards Banquet at the Engineers’ Society of Western Pennsylvania (ESWP) on Saturday, February 24, 2018, recognizing outstanding people involved in engineering and exceptional projects in our area. Come and join PSPE in honoring the following awardees and nominees:

The **Distinguished Service Award** is presented each year to recognize an individual or individuals for outstanding contributions toward the improvement of the social, economic, and professional status of the Professional Engineer. This year’s award recipient is Gerald D. Holder. Gerald, Distinguished Service Professor of chemical engineering, became the U.S. Steel Dean of Engineering in the University of Pittsburgh’s Swanson School of Engineering in 1996. In the fall of 2018, he will return to a faculty position. Chancellor Patrick Gallagher says, “During Mr. Holder’s career as dean, the Swanson School saw record enrollment levels and giving to the school topped $250 million.” Gerald, a noted expert on natural gas hydrates and author of more than 100 journal articles, earned a bachelor’s degree in chemistry from Kalamazoo College and bachelor’s, master’s, and PhD degrees in chemical engineering from the University of Michigan. He was a faculty member in chemical engineering at Columbia University prior to joining the Pitt engineering faculty in 1979. Gerald served as chair of the chemical engineering department from 1987 to 1995 before being named dean of engineering. Among many professional accomplishments, Gerald was named an American Association for the Advancement of Science Fellow in 2003. In 2008, he was named an American Institute of Chemical Engineers Fellow and was awarded the William Metcalf Award from the Engineers’ Society of Western Pennsylvania for lifetime achievement in engineering. In 2015, he was elected chair of the American Society of Engineering Educators’ (ASEE) Engineering Deans Council, the leadership organization of engineering deans in the United States, for a two-year term.
The Outstanding Engineering Achievement Award is presented to a significant project within the Pittsburgh area. This year’s award recipient is the Beechwood Boulevard Bridge (more commonly known as the Greenfield Bridge) Replacement Project. A vital link between Greenfield and Schenley Park for 120 years, the Greenfield Avenue Bridge evolved from a utilitarian wooden viaduct to a monumental concrete arch that reflected Pittsburgh’s growth and grandeur. By 2010, the concrete arch began showing its age, and it was time for a new structure to act as Pittsburgh’s gateway to the east. The first challenge was demolishing the 274-foot concrete arch over one of the busiest stretches of Interstate 376 (the Parkway East). The second challenge was providing a new structure with a context-sensitive design. The third challenge was constructing the new steel arch while limiting disruptions to the underlying Parkway and the surrounding neighborhood. With a celebratory bridge opening party, the new bridge opened to pedestrians, motorists, and bicyclists in the fall of 2017.

The Dedicated Service Award recognizes continuous years of active participation in, service to, and support of the Pittsburgh Chapter, PSPE, NSPE, and the engineering profession. This year’s award recipient is Reyman Branting, PE (retired). Reyman is the long-time Financial Secretary for the Pittsburgh Chapter of the PSPE. He served as Chapter President during the 1995-1996 term and is the current Co-Chair of the Apprenticeship Committee. This is the second time Reyman has received the Dedicated Service Award, having first received the award in 1999. Reyman is also a two-time recipient of the Silvio Lorenzo (2003 and 2011) and the Lawrence Hornfeck awards (1988 and 2009).

The Silvio Lorenzi President’s Gold Star Award is presented at the request of the Pittsburgh Chapter’s current President, Scott Sukits, PE, in recognition of outstanding support extended to the President in fulfilling his duties. This award is named in memory of Silvio “Sax” Lorenzi, who served as Chapter President in 1974-75 and PSPE President in 1978-79 and who was known for his enthusiastic work and support of PSPE. This year’s award recipient is David Teorsky. Dave is the General Manager of the Engineers’ Society of Western Pennsylvania. For not only this past year but for many years, Dave and his staff have provided outstanding support to the Pittsburgh Chapter of PSPE. He has always been in the background distributing our newsletters, taking dinner meeting and banquet reservations, providing nametags and PDH certificates, and many other services. Dave shoulders these tasks in a pleasant manner and always with a warm smile. Dave and his staff are very deserving of this award.

The Pittsburgh Chapter annually chooses a nominee for the PSPE State Engineer-of-the-Year Award. This annual award recognizes continuous years of active participation in, service to, and support of the Pittsburgh Chapter, PSPE, NSPE, and the engineering profession. The award recognizes an outstanding, distinguished engineer not just for his/her work for or in PSPE, but for his/her overall activities and achievements. This year’s Chapter nominee and award winner is Brian Schull, PE. Brian first served on the Pittsburgh Chapter Board of Directors during 2006 and was Chapter President for the 2011-2012 term. He is currently serving as the Executive Secretary for the Chapter. Brian is the Assistant Department Manager for SAI Consulting Engineers, Inc., providing construction management assistance to a variety of public agencies.
The Young Engineer of the Year Award is intended to identify and recognize an outstanding engineer no older than 35 as of January 1 in the year following the award year. The evaluation criteria include collegiate achievements, professional and technical society activities, engineering experience, publications/patents, major engineering project achievements, and additional activities such as civic, fraternal, or humanitarian endeavors. This year’s recipient is Angela Mayer, EIT, AM.ASCE. Angela is currently an asset integrity engineer at Williams, Pittsburgh. She is the Subject Matter Expert (SME) for rock blasting and explosive engineering for Williams’ northeast operating areas. Angela is responsible for the integrity of over 1,000 miles of gas pipeline, contributes to asset integrity-related incident investigations, and works as liaison with relevant parties to provide remedial measures following incidents. Angela was recently recognized by the American Society of Civil Engineers (ASCE) with the 2017 Daniel W. Mead Prize for her paper on ethics. The topic was “Is it ethical for university engineering faculty to teach technical subject matter to engineering students without professional licensure?” Angela was also recognized with the ASCE 2016 Edmund Friedman Young Engineer Award for professional achievement and has been acknowledged by the ASCE Pittsburgh Section in 2015 as Young Engineer of the Year. Angela is also a graduate of the Leadership Development Initiative and an active member of Toastmasters International. She also volunteered to be a civil engineer role model as part of Wow! That’s Engineering! For Girls and Parents, an outreach event for middle school girls held by the Society of Women Engineers.

The Lawrence W. Hornfeck Award is presented to the Pittsburgh Chapter member who has made exceptional contributions to the Chapter during the preceding year. This memorial award is named in honor of Larry Hornfeck, who passed away in 1963 while serving as Chapter President. The recipient will be announced at the banquet.

Congratulations to all our award winners!

We encourage you to attend the Engineers’ Week banquet on February 24 at ESWP to honor all our award winners and thank them for their hard work, service, and dedication to the engineering profession.
A plan to reduce the size of the Pennsylvania House of Representatives got another step closer to potentially becoming reality on January 23, 2018, in the state Capitol. The House State Government Committee voted, mostly along party lines, 14-10 to report to the full House legislation that seeks to trim the state House from its current 203 members to 151 members; the state Senate would remain at 50 members within the bill. Last session, the same legislation was approved by both chambers of the General Assembly, but as this measure amends the Pennsylvania Constitution, the exact same legislative language must win approval from the General Assembly this session. Once approved this session by both chambers, the proposal would go before the voters of Pennsylvania in the form of a ballot question.

PA Supreme Court rules state’s congressional district map unconstitutional and orders redraw; Senate GOP to ask for U.S. Supreme Court stay. Supreme Court has ruled 5-2 that the state’s congressional districts as drawn in 2011 are unconstitutional, with a majority of the justices ordering the map be redrawn for the 2018 election cycle.

PA unemployment rate rises to 4.7 percent in December. The employment situation in Pennsylvania for the last month of 2017 was not unlike much of the year: a mixed bag of information. The unemployment rate rose to 4.7 percent, up from 4.6 percent in November, but compared to a year earlier, was down 0.7 percent from December 2016’s 5.4 percent rate. However, while there were 53,000 fewer Pennsylvanians unemployed last month compared to a year earlier, the majority of them did not find employment and simply left the state’s workforce.

Nine airports will make safety and equipment upgrades with the assistance of nearly $2.4 million in state investments, Pennsylvania Department of Transportation Secretary Leslie S. Richards announced today, “Supporting our roughly 400 airports not only keeps goods and people moving, but also supports hundreds of thousands of jobs. These investments ensure safe operations and assist with key upgrades.” The funds are distributed through the Aviation Development Program, which is funded by the state’s jet fuel tax, and leverage $665,125 in local matching funds. Public-use airports in the state are eligible for the program. The program complements the state Multimodal Fund, which dedicates $6.2 million to aviation in this fiscal year alone. The fund was created by Act 89, a far-reaching transportation funding program that clears the way for significant investments in all transportation modes. For more information on aviation in Pennsylvania, visit www.penndot.gov.

Bloomberg News reports that, according to a draft copy of the principals of President Donald Trump’s trillion-dollar infrastructure plan, “half of the federal money...would go for a new incentive program to encourage states and localities to secure their own funding for projects.” The document reveals that a “quarter of the federal funding would provide grants for rural transportation, broadband and other projects, while 10 percent would go for ‘transformational’ projects that can’t secure financing because they’re so unique.” Bloomberg adds that the “principles also call for expanding the use of tax-exempt private activity bonds to attract more private investment in projects, and other changes to help public entities and airports raise money.”

The Hill reports the Senate Energy and Natural Resources Committee is scheduled on January 25, 2018, “to consider how weather patterns affect the US electric grid.” The aim of the meeting is “to focus on the Northeast and Mid-Atlantic regions and will look at how electric systems fared in winter storms such as the recent bomb cyclone that brought record-breaking freezing temperatures to the East Coast.” Energy Department and Federal Energy Regulatory Commission representatives are slated to testify.

After more than a decade of watching Oregon and a handful of other states test alternatives to traditional gasoline taxes, more states, with the help of federal money, are now joining the quest. Their goal is to devise an easy way to tax motorists for the number of miles they drive, instead of the amount of gas they buy. Oregon, California and other states have proved that it can be done, at least on a small scale. But there are still a lot of questions that must be addressed. The work comes as the per-gallon gas tax has become a less reliable source of funding for transportation projects. Cars have become more fuel-efficient, and some don’t use gasoline at all. Meanwhile, raising fuel taxes on gasoline or diesel can be politically dicey, especially in Congress, where lawmakers haven’t raised the federal government’s 18.4-cent-per-gallon gas tax since 1993. http://www.governing.com/topics/transportation-infrastructure/gov-gas-tax-oregon-california-mileage.html
REQUEST FOR SUSTAINING ASSOCIATES
Pay your 2018 Dues and Become a Sustaining Associate Now

Becoming a Sustaining Associate in the Pittsburgh Chapter of PSPE provides tools to accomplish corporate objectives and more. Through the financial support of our Chapter Sustaining Associates, the Chapter is able to continue to provide many services to the Pittsburgh engineering community as well as sponsor excellent outreach programs to the students in our area. It is imperative in today’s world to get and keep students interested in the science- and engineering-related fields in middle schools and high schools. Our outreach programs include the Engineering Apprenticeship Program, the Mathcounts Program, and participation in several activities at the Carnegie Science Center during National Engineers’ week.

The Pittsburgh Chapter is proud to offer the following advantages and benefits of becoming a Sustaining Associate in the Pittsburgh Chapter.

SUSTAINING ASSOCIATE MEMBERSHIP ADVANTAGES

- Member firms may provide an article for the newsletter highlighting their firm’s projects, individual accomplishments, services, products, or technical capabilities. The newsletter circulation reaches 300+ engineers, managers, and company officials and is published on the Chapter website.
- Member firms may advertise positions available within their firm in the newsletter and on the website free-of-charge.
- Member firms may be listed on the Pittsburgh Chapter, PSPE’s Internet Website, free-of-charge. A link to the company’s website can be included.
- Member firms that employ personnel preparing for the Principles and Practice of Engineering (PE) and Fundamentals of Engineering (FE) Examinations are entitled to a 20% discount on the Chapter’s review courses for the exams.
- Representative(s) of member firms are permitted to attend regular Chapter Business Meetings and are invited to the Chapter Meetings. Our Chapter presently offers a minimum of four (4) meetings with one (1) qualified PDH for continuing education requirements to maintain a Pennsylvania PE license.
- Member firms are recognized as Sustaining Associates in our PSPE Newsletters and at the Annual Engineers’ Week Banquet held each February.

The following are the Sustaining Associates who were paid up through December 2017:

HDR Engineering, Inc.  SAI Consulting Engineers, Inc.
Keystone Consultants, Inc. Trumbull Corporation

To become a Sustaining Associate, please complete and return the “Application for Sustaining Associate Membership” on the next page.

TO PAY YOUR 2018 DUES, please mail a check for $350 payable to “PSPE Pittsburgh Chapter” to PSPE, Pittsburgh Chapter, 337 Fourth Avenue, Pittsburgh, PA 15222.
Pennsylvania Society of Professional Engineers
Pittsburgh Chapter
http://www.PittsburghPE.Org
Email: PSPE@PittsburghPE.Org

Application for Sustaining Associate Membership in
The Pennsylvania Society of Professional Engineers - Pittsburgh Chapter

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Signature: __________________   Date: __________________

THANK YOU!

Please enclose check for $350, payable to “PSPE, Pittsburgh Chapter.”

Please print, complete, and return form and check to:
Pennsylvania Society of Professional Engineers, Pittsburgh Chapter
337 Fourth Avenue, Pittsburgh, PA 15222

Questions: Call 412.391.0615 or email us at PSPE@PittsburghPE.Org
Engineering Apprenticeship Committee Report

The Apprentices’ visit to Bayer (Medrad) was postponed again because the host’s stay in Australia was extended. Engineers do have travel opportunities!

A visit to FedEx will be made at the end of January and to PPG in February. This is the first time so many visits have been scheduled during the second semester. A number of factors make it necessary this year, including the host’s requirements. If attendance is good, visits during the next school year may be the same.

The program started a little slowly but is extending over a longer time frame than usual.

Pittsburgh Chapter PSPE – http://www.PittsburghPE.Org

2018 CALENDAR

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<td>February 10, 2018</td>
<td>7:30 am – Proctors</td>
<td>MATHCOUNTS Competition</td>
<td>A.W. Beattie Career Center</td>
</tr>
<tr>
<td></td>
<td>9:00 am – Graders</td>
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<td></td>
</tr>
<tr>
<td>February 24, 2018</td>
<td>6:00 pm</td>
<td>National Engineers’ Week Banquet</td>
<td>ESWP</td>
</tr>
<tr>
<td>April 19, 2018</td>
<td>TBD</td>
<td>Dan Hudock - Speaker</td>
<td>ESWP</td>
</tr>
<tr>
<td>May 31, 2018</td>
<td>5:00 pm – Board Meeting</td>
<td>Presidents’ Reception</td>
<td>ESWP</td>
</tr>
<tr>
<td></td>
<td>6:00 pm – Reception with</td>
<td>Recognition of Apprenticeship Sponsors Induction of New Officers</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hors d’oeuvres</td>
<td></td>
<td></td>
</tr>
<tr>
<td>September 12-15, 2018</td>
<td>TBD</td>
<td>PSPE 2018 State Conference</td>
<td>Holiday Inn – Johnstown, PA</td>
</tr>
</tbody>
</table>

2017-2018 Chapter Officers

President – Scott P. Sukits, PE
President-Elect – Keenan Sukits, PE
Vice President – Ed Telega, PE
Immediate Past President – Jason Esser, PE
Executive Secretary – Brian Schull, PE
Treasurer – Jessica Plugge, EIT
Financial Secretary – Reyman Branting, PE

2016–2020 Chapter Directors

Melissa M. Fontanese, PE – 2016-2018
Matthew Kusic, PE – 2017-2019
Brian Krul, PE – 2018-2020

Chapter Committee Chairs

Refresher Course – Matthew Kusic, PE
Young Members – Jason Esser, PE
Newsletter – James Lombardi, PE
Apprenticeship – Reyman Branting, PE/Dave Briskey, PE
Sustaining Associates – Scott P. Sukits, PE
Website Coordinator – Jason Esser, PE
Mathcounts Coordinator – Virginia Dailey, PE
Future Mathcounts Coordinators – Keenan Sukits, PE, and Kevin Ferry, PE, PTOE

State Officers

State Secretary – David Briskey, PE
State Director – Kirk Thompson, PE