



SECTION MEETING SCHEDULE 2016-17

The Section Meeting program for the upcoming season is starting to take shape. Our meeting program committee is busy lining up speakers and topics for what we hope will be an interesting and informative series of meetings. The TENTATIVE dates have been provided below for your planning purposes. We would suggest that you use this to mark your calendar at this time and hold these dates.

In coming issues of *THE NEWS*, this information will be “fine-tuned” to provide updates as they are available. We also suggest you visit the Section website for the latest changes in our meeting program. As we have done, each month’s edition of *THE NEWS* will feature detailed information on that month’s meeting along with as much information as is available for the following month’s meeting. The “look-ahead” schedule will show details that are available for future meetings at that time for your advance awareness.

Dinner meetings generally follow a schedule of a cocktail hour starting at 5:30PM, dinner at 6:30PM, and the meeting presentation following at approximately 7:30PM, unless otherwise noted. We also intend to follow our second-Thursday pattern except where joint meetings will preclude this.

As always, you are welcome to attend the meeting presentation without dinner at no cost if you prefer to do so.

Information on future meetings this season as of this printing are:

DECEMBER (IN PLANNING STAGES)

“Multi-society” meeting (Engineers’ Club of Philadelphia and others)

JANUARY 18, 2017 (WEDNESDAY)

Joint meeting with American Society of Highway Engineers, Delaware Valley Section Radisson Hotel/Valley Forge Casino, Valley Forge • Cocktails 6PM, dinner 7PM, meeting 8PM

FEBRUARY (IN PLANNING STAGES)

MARCH 9, 2017

Topic to be determined
Maggiano’s Little Italy, Center City

APRIL 13, 2017

Multi-topic meeting/breakout sessions (in planning stages)

MAY 2017

Spring Social (in planning stages)

OCTOBER DINNER MEETING

Philadelphia Section, American Society of Civil Engineers

THURSDAY, OCTOBER 13, 2016

Maggiano’s Little Italy, 1201 Filbert Street (corner of 12th Street), Center City
Cocktails 5:30 PM, Dinner 6:30 PM, Meeting Presentation Follows (approximately 7:30 PM)

SUBJECT: Green City, Clean Waters: The First 5 Years

SPEAKER: Marc Cammarata, Acting Deputy Commissioner of Planning and Environmental Services, Philadelphia Water Department

RESERVATION DEADLINE – SATURDAY, OCTOBER 8. The cost per attendee is \$40, with a half-price (\$20) cost for government agency employees and students, for reservations received by this deadline.

RESERVATIONS RECEIVED AFTER OCTOBER 8: Reservations received after the deadline and “walk-ups” without prior reservations paying at the door will be charged \$50 (government agency employees and students will be charged the regular \$20 rate), but will be subject to acceptance on a space-available basis. Please note that payment via PayPal will NOT be available at the close at the reservation deadline.

THERE IS NO GUARANTEE THAT SPACE WILL BE AVAILABLE IF YOU DO NOT RESERVE A SPACE. Walk-ins and anyone without a reservation will be handled on a space-available basis.

Reservations can be made via e-mail at info@asce-philly.org or electronically through our website (www.asce-philly.org) and pay via PayPal. As noted above, the PayPal option will NOT be available as a payment option after the reservation deadline. Payment for reservations by check (made payable to “Philadelphia Section ASCE”) will be accepted at the reservation table at the door as an option to electronic payment. (Please see the separate article on mailing of payments.)

As always, guests will be welcome to attend the presentation without dinner at no charge. This will be subject to room capacity constraints.

ACCESS AND PARKING: Maggiano’s is a short walk from SEPTA’s Jefferson Regional Rail station and a half-block from bus routes, the Subway-Surface Trolleys and the Market-Frankford Line on Market Street. There is a parking garage directly above the restaurant for which validation can be offered for a reduced price of \$8 for up to 6 hours.

This past June marked the five-year anniversary of Philadelphia’s groundbreaking agreement with the Environmental Protection Agency and the Pennsylvania Department of Environmental Resources to address the issues related to the City’s Combined Sewer Overflow (CSO) and stormwater runoff as mandated by these agencies. The City’s Water Department, which manages storm flow, utilized a program that relies mainly on methods for green infrastructure (infiltration, diversion of flow, pre-treatment and reuse) and has begun substantial investments in these measures. This is different from many other similar large cities that have looked to storage and construction of large and expensive pipes and chambers to meet the regulations. The City’s program has been recognized as innovative and a model for other big cities to follow.

Mr. Cammarata will provide an update on what has been accomplished in the past five years and what the Water Department has in store for the future.

NOVEMBER DINNER MEETING

Philadelphia Section, American Society of Civil Engineers

THURSDAY, NOVEMBER 10, 2016

Maggiano’s Little Italy, 1201 Filbert Street (corner of 12th Street), Center City
Cocktails 5:30 PM, Dinner 6:30 PM, Meeting Presentation Follows (approximately 7:30 PM)

SUBJECT: 30th Street Station/Schuylkill Yards Master Plan

More information will be provided in the November edition of *THE NEWS*.



PRESIDENT'S MESSAGE

I would like to start by saying how excited and honored I am to be the Section President. Thank you to **AnnMarie Vigilante** for her commitment, guidance and the positive demeanor for which she led the Section during the last year. During this upcoming year, I will have the pleasure of working with passionate Section Officers and Board of Directors, all who have already been very active over the summer months planning future events.

As we enter our 104th year, we certainly have a long and successful history. However, the Section is only as successful as its membership and the members' involvement. We exist because of the members and the members' interest and participation. We are fortunate to be in the Philadelphia region where there is an influx of Civil Engineers and Engineering universities which only adds to our membership and what we can accomplish with our numbers. We already have a robust membership in numbers with over 2000 people, but imagine how much more could be achieved with greater participation. As discussed at the Spring Social in my induction speech, in this coming year I would like to focus on involvement whether it be converting an infrequent meeting attendee to a "regular", or increasing public sector involvement. With our great membership base, we have many voices with valuable input. I also want to continue to support our YMF so they can accomplish their goals and they can carry on their ever-growing Engineering outreach to students.

The Section, along with all of our Technical Groups, Institutes and the YMF, has many exciting events planned for this year. Keep an eye on *THE NEWS* and our website to find out more information on these events. Please reach out to me, any of our Officers, or Board of Directors if you would like to get involved or have any ideas as to how we can better serve our members. I look forward to seeing everyone in the upcoming year.

Sincerely,
Guy DiMartino, P.E.
President, ASCE Philadelphia Section

OUR SECTION HAS A NEW MAILING ADDRESS

Over the past few years our Section has been receiving "snail mail" through the Engineers' Club of Philadelphia. During this same period, we have been transitioning to electronic meeting reservations and payment, which was once the major generator of mail to us, as well as e-mail methods for member questions and information. Our volume of incoming mail, which required us to maintain a Post Office Box not too long ago, has been reduced greatly as we have been able to utilize technology for communication purposes. This has resulted in efficiencies and cost savings for us, which can be reallocated into other areas of need in our Section's budget.

This summer the Engineers' Club closed its office and will be using its own Post Office Box, which will not be available to other societies as it has in the past. We thank the Club for its assistance with this over the years. Accordingly, Urban Engineers has generously offered to be our "mail drop" for the foreseeable future.

We would suggest that you continue to reach us through our website (www.asce-philly.org) and our e-mail address, info@asce-philly.org, as you need. If you must send us hard-copy non-financial items, please direct them as follows:

ASCE Philadelphia Section
c/o Urban Engineers, Inc.
530 Walnut Street
Philadelphia, PA 19106

Checks for dinner meeting and other Section event registration and financial items should be mailed to:

Marc Preim, Section Treasurer
STV, Inc.
1818 Market Street, Suite 1410
Philadelphia, PA 19103-3616

As a reminder, if you opt to reserve for a Section meeting or event through our website, and would prefer to pay by check, you can certainly bring your check to the meeting and pay at the door. There will be no "at the door" penalty for reservations made by the deadline in this instance.

If you are paying by check (either bringing it to the meeting or mailing it), please include a copy of the receipt generated when you register for the event and the event name on the check's memo line.

We appreciate your assistance on this.

THE MULFORD CLASSIC — GOLF OUTING

If you're looking for a fun and interesting day on the golf course, please mark the date of **Monday, October 10** in your calendar and plan to join us fun-seekers at the **17th Annual Engineers' Club/Philadelphia Engineering Foundation (PEF) Golf Tournament**, also known as **The Mulford Classic**. It will be conducted at the Bala Country Club in Wynnefield. Various sponsorships, foursomes, and individual play are available.

If you are a serious golfer, you're welcome to attend as well, but be prepared to have fun and play a slightly different variety of the game of golf than your usual rounds. If you don't golf at all, volunteers for various event duties are always welcome. This is all for a good cause – PEF funds and administers college student scholarships and prizes in conjunction with the Engineers' Club that are awarded during Engineers Week.

Please visit the Engineers' Club website (www.engrclub.org) for more info and registration.

ASCE, PHILADELPHIA SECTION OFFICERS AND BOARD OF DIRECTION — 2016-17 SEASON

PRESIDENT

Guy DiMartino, Traffic Planning & Design, Inc.

PRESIDENT ELECT

Cathy G. Farrell, HNTB, Inc.

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Spencer Finch, Langan Engineering & Environmental Sciences ('16-'18)

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Troy Illig, PB ('16-'18)

Joseph Natale, WSP/Parsons Brinckerhoff ('16-'18)
Jeanien Price, City of Philadelphia ('16-'17)

PAST PRESIDENTS*

AnnMarie Vigilante, Langan Engineering & Environmental Services

Joseph Platt, Traffic Planning & Design, Inc.*
Jennifer K. Walsh, McMahon Associates Inc.*

** In accordance with our Constitution and Bylaws, only the immediate Past President will serve on the Board, and only for a one-year term. We show the most recent three Past Presidents as has become our tradition.*

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**COPY DEADLINE FOR
NOVEMBER 2016 ISSUE
OCTOBER 14, 2016**

YOUNGER MEMBER FORUM NEWS

Nicole Eno, Forum Editor

Kevin Brown, Forum President 2016-17

Urban Engineers, Inc.

530 Walnut Street

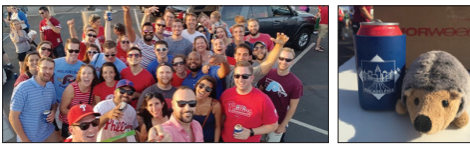
Philadelphia, PA 19106

kbrown@urbanengineers.com

PHILLIES GAME AND TAILGATE

July 21

YMF hosted our annual Phillies tailgate and game. As usual, the event was very well attended with 126 tickets sold. A great tailgate spread with burgers, dogs, chips, and watermelon was served, and every attendee received a complimentary YMF beverage koozy! The weather was beautiful and it turned out to be Star Wars night (an unexpected surprise). The game could have gone better for the Phillies, but everyone still seemed to have a great time!



WISSAHICKON TRAIL CLEANUP

August 6

A group of 15 YMF volunteers cleaned up a section of trail in Philadelphia's Wissahickon Valley Park thanks to the guidance, tools and expertise from the Friends of the Wissahickon. Volunteers enjoyed using a plethora of fun tools and were excited about the opportunity to put their Civil Engineering skills to use building berms! After clearing the trails, the group headed to Johnny Mañana's in East Falls to refuel with Mexican food. We hope to work with Friends of the Wissahickon for more events like this in the future.



YMLS

August 5-7

YMF Board members, **Jesse Gormley** and **Kevin Brown**, attended the **Younger Member Leadership Symposium** at ASCE Headquarters in Reston, VA with about 40 other younger members from all over the country. The interactive weekend seminar, led by **Kelly Doyle, P.E., M. ASCE**, focused not so much on the technical topics of Civil Engineering, but more on the skills needed for effective leadership. Over the weekend the participants were able to learn about themselves and their communication styles, develop a personal vision, understand emotional intelligence, and learn methods of branding themselves as Young Engineers. Additionally, the Young Engineers were able to tour headquarters, meet the ASCE executive director, and network with other younger member leaders from across the nation.

BICYCLE INFRASTRUCTURE TOUR

August 25

YMF hosted a riding tour of the bicycle infrastructure in Center City, during rush hour traffic. The event began with a brief discussion

of the City's efforts over the last decade to improve the bike network and set up a bike sharing program, with the goal of making biking safer and more accessible for users of all ages and skill level. The overview was given by the Department of Streets' Complete Streets Safety Engineer, **Gus Scheerbaum**, who then also led the group on the tour, pointing out the various types of infrastructure while riding along and using it. Fortunately, it was a gorgeous day and the riders enjoyed the perfect weather! After the tour, the group gathered for a happy hour at Wahoo's for drinks and bites, with a round of Quizzo on Philly's biking statistics; Mirrycle JelliBell bells and tire patch kits were provided to the 1st & 2nd place winning teams, respectively.

PROFESSIONAL DEVELOPMENT – PROJECT MANAGEMENT AND BUDGETS

August 30

YMF hosted a Professional Development event at the Field House in Center City. After one hour of a networking happy hour with food, **Chris Gray** of Timothy Haahs & Associates gave a presentation on the different facets of being a project manager for a private firm. He detailed the different responsibilities a PM has, the tasks that are theirs to assign, and the expectations involved. Chris discussed the work/life balance of being a PM who reports to clients, and things he has learned in his time in the field. Common pitfalls of project management were also covered, and how to avoid them. The audience was allowed a brief question and answer period, with good participation. The event had a good amount of food and 60 attendees, with most staying for the presentation.

YMF GROUP PHOTO AND HAPPY HOUR

September 1

YMF gathered for their annual group photo, posing with the Ben Franklin Bridge as the backdrop. Following the photo shoot, attendees proceeded just down the street to Morgan's Pier to enjoy each other's company over some appetizers and beverages. It was great to get the YMF together one more time before the unofficial end of summer, as the event saw around 50 attendees. (The group photo and other shots from this event can be viewed at ymfphilly.org.)

K-12 OUTREACH

During this past school year, our own ASCE Philly YMF K-12 Outreach program reached out to over 1,300 students between a total of 10 schools in the Greater Philadelphia area. We want to again give special thanks to everyone who volunteered last year and we now hope to match those efforts and identify Engineers to volunteer with us this upcoming school year. Can you join us? Please email **Charlie Mumford** and **Katrina Lawrence** at ASCEphilaYMFk12@gmail.com with any questions or if you are interested in volunteering and making a difference.

CIVE CLUB

The YMF looks forward to the 2016-2017 Civil Engineering Club at the **Chester A. Arthur School!** We are actively seeking engineering mentors, volunteer speakers, competition judges, and field trip site hosts for the CivE Club. Our Fall 2016 schedule is now posted on the CivE

SECTION GOES ELECTRONIC — THE NEWS GOING DIGITAL

Back in 2009, our Section began the move to digital distribution of *THE NEWS*. After a few months' worth of "warnings", the December/January edition started a new era for us as the first edition to be sent to members via the World Wide Web. We left things open for those who didn't have Web access and/or e-mail (and/or were a little leery of the technology...) that we would continue to send them printed copies of *THE NEWS* via "snail mail". In the intervening years, the number of those continuing with the "snail mail" option has decreased dramatically, meaning more folks have obtained Web access, some are no longer around to receive *THE NEWS*, or a variety of other reasons. We have managed to reduce our printing and mailing costs substantially with this move and the savings can be directed to other areas in our budget, meaning we can better utilize these resources on programs, meetings and other items which generally have more tangible benefits to our members. (One of these benefits is that we now have separate December and January editions, although some may question whether that's a benefit...)

In any event, our Section Board has decided that the hard copy option will be discontinued. If you are one of the few who are still getting *THE NEWS* mailed to you, the bad news is that this is the last edition that you will see coming in your mailbox. Effective with the November edition, all distribution will be via e-mail. If you are affected by this change, we ask that you provide your e-mail address to us so we can continue getting *THE NEWS* to you in the future. This will also get you our twice-monthly e-mail "blasts" with current information that may be useful to you. We would also remind you that *THE NEWS* is posted on our website immediately after it is finalized, so you can always read it (and print it from) there as an option.

We apologize for any inconvenience that this may cause, but we feel that in the long run the e-mail delivery option will get *THE NEWS* in your hands quickly and efficiently when it is ready for distribution each month. Despite our move to first-class delivery of *THE NEWS* when we made the initial switch to the electronic option, our experience has been that we are still subject to seasonal and mail-volume delays that result in less-than-timely receipt of *THE NEWS* by those who opted for the hard copy.

E-mailing will also allow us to reach a larger segment of our membership. Currently, only those who pay Section dues receive *THE NEWS*, again in our attempts to keep costs as low as possible. We would expand delivery of *THE NEWS* to all assigned Section members as part of the change to e-mail.

We appreciate your understanding on this. Any comments and/or feedback should be directed to info@asce-philly.org.

Club Page at www.ymfphilly.org. For more information, or to get involved, please contact **Tim Abel** (tabel@pennoni.com) or **Kevin Walsh** (kwals@pennoni.com). Help us to make this 5th year the best one yet!

SPRING SOCIAL WRAPS UP 2015-16 SEASON

For the close of our 103rd season, we returned to the spot where, nearly a year before, we successfully wrapped up Season 102, the LeMeridien Hotel in Center City. This time, on May 5, over 100 Section members and guests gathered for our annual Spring Social to wrap up the 2015-16 season. With a festive happy hour starting out the evening, President **AnnMarie Vigilante** had the unenviable task of prying the crowd out of the library and away from the bars and finger foods and into the dining room to get the “main event” underway. Past President **Bob Wright** got the nod to present the usual good invocation written by Past President **Ruben David**, who was unable to attend, and added a short Latin prayer of his own in honor of Cinco de Mayo.

Following dinner, the usual order of business was begun, with citation of two of our Section prize winners at the Delaware Valley Science Fairs, both of whom had their award-winning projects on display during the cocktail hour, presentation of Section Awards, and induction of new Officers and Board Members. Region Director **Chris Menna** ably administered the Oath of Office to the new Officers as well as those completing the second years of their terms. The “finale” of the evening was the passage of the gavel. Despite the unexplained absence of said gavel, President Vigilante gave the “reins” to incoming President **Guy DiMartino** and promised that it would be forthcoming. Our newly-installed President DiMartino closed the festivities with a few remarks.

As noted, two of our Section’s Science Fairs awardees was able to attend. Past President **Bob Wright**, standing in for Past President **Chris Rood**, chair of the Section’s Science Fairs judging contingent, brought the winners who were able to attend to front and center for recognition. These were our Grades 6-8 prize recipients. The First Prize winner was **Margaret Carden**, a 7th grader at St. Anastasia School in Newtown Square, with the topic of “That’s One Heck of a Bridge”. Our Second Prize went to **Elias Vincent**, in the 8th grade at St. Agnes School in West Chester, whose project was “Truss Busters”. Both Margaret and Elias had their projects on display during the networking hour to show what they had done to win our awards and respond to the various questions asked by observers.

We also cited six members who were nominated for Section Awards for 2016, using the audiovisual show that has been produced for this purpose (and well-received, as usual) for many years to cover their accomplishments. Information on each of the awardees follows.

Philadelphia Civil Engineer of the Year

We were proud to recognize **David Fleisher** as our Philadelphia Civil Engineer of the Year. This award is our Section’s highest honor and was presented to Dave for his many achievements. He is President of Fleisher Forensics in Ambler, a firm he founded in 2002, where he manages a diverse portfolio of forensic evaluations prepared by professionals with various backgrounds and expertise. The company handles activities including professional liability matters,

inspection of incidents, accident evaluation, determination of the safety of traffic and roadway elements, analysis of construction and industrial safety, evaluation of pedestrian safety, investigation of construction incidents, and determination of compliance with various codes.

Prior to the establishment of his firm, Dave performed similar forensics activities with another firm for over 15 years. For the first several years of his career, he worked as a Structural Engineer at several firms before moving into the forensics specialty.

Dave received a Bachelor of Science degree in Civil Engineering from Widener University in 1972 and returned to school to earn a Masters degree from Drexel University in 1975. He has been an active member of the Pennsylvania Society of Professional Engineers, where he is a Past President of the Valley Forge Chapter, the National Society of Professional Engineers, and the American Society of Testing Materials.

Philadelphia Young Civil Engineer of the Year

This year’s recipient of our Philadelphia Young Civil Engineer award is **Drew Sirianni**. Drew is a Transportation Staff Engineer with Pennoni Associates at its University City headquarters, a position he has held for the past two years. He performs reviews of highway designs, transportation impact studies, and traffic signal and control plans for projects submitted to PennDOT for highway occupancy permits, and manages design efforts and construction services for several projects. He has a total of ten years of experience in highway design and coordination. He has been involved in several local notable projects including the River Road extension study and concept development in Southwest Philadelphia and design and construction services for the Pennsylvania Turnpike expansion and I-95 and Bristol Interchanges in Bucks County.

Drew is a 2006 graduate of Drexel University, where he earned his Bachelors degree in Civil Engineering. He is a Past President of our Section’s Younger Member Forum and has been extremely active in the Forum’s many activities and competitions. He is a member of the American Society of Highway Engineers in addition to ASCE and recently was appointed as a Director of the ASHE Delaware Valley Section, where he will help with continued development of its program directed toward younger members.

Government Engineer of the Year

Gary Knappick was selected as the recipient of our Government Engineer of the Year honors. He serves as the Deputy Commissioner of the City of Philadelphia Department of Public Property and directs the Department’s Capital Program Division. He has been with the City for the past twenty years, starting with his assignment in the Managing Director’s Office as Project Director for Public Safety, and was appointed to his current position in 2009. He is part of the executive management of the Division and handles policy development, budgeting and oversight of capital programs for fourteen different City departments, with an annual budget of over 70 million dollars and a staff of 60

employees. Prior to his City service, he held positions in private firms for over 20 years. Among his notable projects are the exterior restoration of City Hall, the new Juvenile Justice Center, the Riverside Correctional Facility, new and rehabilitated facilities for police, fire and public safety functions and training, and various efforts at the Philadelphia Museum of Art.

Gary received his Bachelor of Science degree in Civil Engineering from Drexel University in 1974. He has professional registration in four states.

Young Government Engineer of the Year

This year, we proudly recognized **Kristin Leese** as our Young Government Engineer of the Year. She serves as Program Director Structures Production for the National Passenger Railway Corporation, also known as Amtrak, and has held this title since December, where she is directly responsible for the development of the annual program for the Structures Production Department and management of individual projects through their various phases of implementation. She has been with Amtrak for the past six years and was a Senior Engineer for Structures Production prior to her promotion to Director. She handles a number of capital construction projects along the Northeast Corridor south of New York as well as the Keystone and Empire Corridors. Several of these undertakings are part of Amtrak’s plan for expansion of high-speed rail service.

Kristin received her Bachelors degree in Civil Engineering from Villanova University in 2006 and remained at Villanova for her Masters degree two years later. She has been extremely active in our Section’s Younger Member Forum, where she currently serves as Social Chair, and in the American Railway Engineering and Maintenance of Way Association. She also volunteers with the Pennsylvania Coalition Against Domestic Violence.

Transportation Engineer of the Year

Jeremy Colello, the Transportation Division Manager at the Center City office of HNTB, was cited for this honor. He has been in his current position for the past two years and has concentrated on the refocus of the firm’s approach to work in Pennsylvania, which has involved the combination of forces of three of the firm’s offices in the state to expand the scope of services that the firm could offer. He has utilized this combined staff to pursue assignments with public agencies, including PennDOT and the City of Philadelphia. He has also stepped in to assist the firm’s transit and environmental groups in their competitions for local contracts. In our area, his projects include the currently-underway Roosevelt Boulevard Intermodal Planning Study for the City of Philadelphia, as well as projects he directed at his previous firm such as the Vine Street Expressway superstructure replacement, improvements on the outer segment of the Ben Franklin Parkway, and several efforts at the Navy Yard.

Jeremy received his Bachelors degree in Civil Engineering from Lehigh University in 1997 and a Masters degree from Penn State in 1998. He is a member of the American Society of Highway Engineers (ASHE) and the Engineers’ Club of Philadelphia in addition to ASCE. He has served in

SPRING SOCIAL WRAP-UP

Continued from Page 4

various positions in our Section, including President in 2012-13, and has been recognized as both our Section's Young Engineer of the Year and the Delaware Valley Young Engineer of the Year.

Construction Engineer of the Year

Megan Clayton was our Construction Engineer of the Year Award recipient for 2016. Megan is with the highway construction management group at Hill International at its office in Bensalem, where she specializes in highway, road and bridge reconstruction efforts. She has over ten years' experience in scheduling and consultation experience for project construction management, claims analysis, delay analysis and training. She is a certified Instructor for the National Highway Institute and has served as a Technical Researcher for efforts for the Transportation Research Board. Among her local projects are the currently-underway reconstruction of the Cottman-Princeton Interchange on I-95 in Northeast Philadelphia and the rehabilitation of the Schuylkill River bridges and approach roadway reconstruction on I-476 in Montgomery County.

Megan received her Bachelors Degree in Civil Engineering from Catholic University in 2002. She is a registered professional engineer in Pennsylvania. In addition to ASCE, she is an active member of the Construction Management Association of America, the Engineers' Club of Philadelphia, where she serves as Vice President, and the Women's Transportation Seminar, in which she completing a successful two-year term as President of the Philadelphia Chapter.

Our Presidential Award was bestowed on Past Section President **Ann Tomalvage** for her diligent efforts on the PA Report Card update in 2014. Ann was unable to attend the Social to accept the award, thus we will hopefully schedule some time at our October Meeting to present this to her.

In the National Awards category, our **Younger Member Forum** was cited for its recognition with the 2015 ASCE Committee on Younger Members Younger Member Group Award for Large Groups. This was awarded to YMF representatives at the Eastern Regional Younger Members Conference (ERYMC) meeting in February. Additionally, **Jesse Gormley** of Pennoni Associates was recognized for his receipt of the 2016 ERYMC Outstanding Civil Engineer in Community Activities Award, which was also presented at the February ERYMC meeting.

Thanks to...

Special thanks are extended to those who helped make the Spring Social a success once again this year. This includes the Spring Social Program Committee (**Briana Earle, Don Gusic, Troy Illig, AnnMarie Vigilante and Bob Wright**), the Awards audio narrators, who once again stayed inside on a nice spring evening to donate their voices to the effort (**Carol Martsoff, AnnMarie Vigilante and Bob Wright**), and the Awards Committee (**Carol Martsoff, Allan Moore and Bob Wright**).

More information will be provided on the Spring Social for this season as plans are formalized.

MEMBERS IN THE NEWS

JEHANIAN ON RADIO ADS FOR DREXEL

If you thought that name and voice on the radio this summer sounded familiar, you were on to something. **Karen Jehanian** was featured in several radio spots on KYW in July being interviewed by **Dr. Donna De Carolis**, Founding Dean of the Charles D. Close School of Entrepreneurship at Drexel University as part of the school's Starter's Review program. Each month, Starter's Review introduces a successful innovator/entrepreneur to highlight their contributions and foster the innovative spirit in Philadelphia, as well as to find out what makes them successful and what makes Philadelphia such a great place to be for businesses and employees. If you missed this or want to hear more, the interviews are available at www.cbsphilly.com/starters.

Entrepreneurial spirit has always come naturally for Karen. As early as 7th grade, she knew that she wanted to start her own business. Now, she runs a premier transportation engineering, planning, and consulting firm, **KMJ Consulting, Inc.** As a woman entrepreneur in a relatively male-dominated field, she doesn't look for excuses, just solutions. She molds both life and work experiences into creating a culture that her employees can believe in and actively support. This spirit has been integral to KMJ's success, as has the ability to take risks. As Karen explains it best, "Get out of your comfort zone, and make it happen."

STUART CITED IN INNOVATION CONTEST

D. Matthew Stuart was honored by ASCE National at its first Innovation Contest. The contest is a result of ASCE's Grand Challenge: an industry-wide initiative to significantly reduce the life-cycle cost of America's infrastructure by the year 2025. Matt was recognized at the Innovation Contest Resilience Category symposium at the New Jersey Institute of Technology (NJIT) on July 13.

Matt is the Structural Division Manager at Pennoni Associates at the firm's University City headquarters. His submission, "Improving the Resilience of Sheathed, Unbonded Mono-Strand Post-Tensioned Construction" was named "Most Efficient" in the Resilience category. It argued for the extensive research and the development of a new material for unbonded, mono-strand post-tensioned construction as a solution to increasing the structural integrity of the tendons while still allowing for flexibility to tension the strands after the concrete has obtained the required strength.

"I've had the idea for this since the early stages of my career, 25 years ago, but I've never had the opportunity to revisit it until now," Matt remarked. "It was something I was truly interested in, but wasn't sure what to do with it."

ASCE'S Innovation Contest encouraged professionals, leaders, educators, and students to submit descriptions of their original projects and theories aimed at improving infrastructure. Winning contest entries are divided into four categories: Innovative Business Models and Technologies, Internet of Things, Green Engineering, and Resilience. A judging panel of Civil Engineering experts named 15 winners out of

dozens of applicants, selecting three winning entries for each category.

The contest's sponsors, Walt Disney Imagineering, Hatch Mott MacDonald, KCI Technologies Inc., and Pennoni, have organized separate events for winners of each category, where they will have the opportunity to network and discuss their ideas with industry leaders and be considered for research grants. The July 13 symposium also hosted about 100 NJIT pre-college, undergraduate, and graduate students.

Congratulations to Matt on this achievement.

TECHNICAL GROUPS/CHAIRS

Information on the ASCE, Philadelphia Section's Technical Groups is given below. If you have any topics that you think would be of interest to the Groups, please feel free to pass this information along to the appropriate Group Chair.

CONSTRUCTION

Dennis MacBride
dmacbride@septa.org

DELAWARE VALLEY GEO-INSTITUTE (DVGI) www.dvgi.org

Jay A. McKelvey III
jaym@earthengineering.com

ENGINEERING MANAGEMENT

Chair currently vacant

ENVIRONMENTAL AND WATER RESOURCES

Eric Lindhult
eric.lindhult@gmail.com

STRUCTURAL ENGINEERING INSTITUTE (SEI) www.sei-philly.org

Josh Amsler
joshua.amsler@aecom.com

TRANSPORTATION AND URBAN DEVELOPMENT

William T. Thomsen
wtthomsen@urbanEngineers.com



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PROFESSIONAL DEVELOPMENT REQUIREMENTS NEWS

Those of you with New Jersey and Delaware PE licenses have hopefully responded to the renewal requests sent to you by the State Boards this past spring. As you were reminded as part of this process, you had to attest that you had earned continuing professional development (CPD) that is required for renewal (the first time this was needed for Delaware). Specifics on what is needed for CPD can be found on the websites of the applicable State Boards.

Our Section's main meeting and Technical Group meeting program provides opportunities for you to pick up professional development hours (PDH's) which will meet the requirements of many states, and we have a verification process to help you in your record keeping. Typically, in a given season, there will be at least a half-dozen opportunities for a member to earn PDH's from our program, so we encourage you to take advantage of our offerings for this purpose. ASCE National has also provided free seminars for this purpose when you renew your membership, so keep an eye out for this as well (and these offerings are usually eligible for credit in states that are not easy to get such as Florida and New York).

We emphasize that it remains an individual's responsibility to document PDH's and have such documentation ready in case of audit. We do provide certificates of meeting attendance/completion that you can keep in your record files, and we retain all meeting sign-in sheets in our files for backup and verification of your participation.

And, hopefully, you didn't fall short of PDH's for your PE renewals... And if you unfortunately have, please keep in mind that our Section's program can help you avoid this in the future, only if you take advantage of it. As your grade school teachers used to say, a word to the wise...

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ENVIRONMENTAL AND WATER RESOURCES TECHNICAL GROUP MEETING WEDNESDAY, OCTOBER 5

SUBJECT: Earthships – A New Solution
SPEAKER: Jonah Reynolds, Earthship360
LOCATION: Michael's Restaurant & Deli, 130 Town Center Road, Valley Forge Center, King of Prussia
TIME: 5:30 PM networking, 6:00 PM dinner, presentation follows
COST: members \$30, students \$25
RSVP by Monday, October 3

Earthships are alternative sustainable housing that offer solutions to important issues such as energy, water, food, shelter, sewage and recycling. The discussion will focus on sustainable, passive building design and construction for single family, multi-family and communities.

Reservations and payment can be made by PayPal at our Section's website (asce-philly.org). Payment for reservations by check can be made at the event (checks should be made payable to "Philadelphia Section ASCE"). Contact **Eric Lindhult (215-852-0068; eric.lindhult@gmail.com)** or **Sharon Dotts (215-345-4330, x332, sdotts@gilmore-assoc.com)** if you have any questions or if you will be unable to attend after you have registered.

Attendees are eligible for one (1) Professional Development Hour (PDH) for attending this presentation.

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CENTENNIAL BOOK - THISSSSS CLOSE...

To memorialize our 100th Anniversary season and cite the many local landmarks, facilities and efforts that have been brought "to life" by members of our Section over that time, we are creating our long-awaited keepsake commemorative Centennial Book, which we anticipate having ready for distribution and purchase in November.

The almost-final draft of the book is currently being reviewed by the publisher and will subsequently move to print.

Please watch this space and upcoming e-mail blasts for more information and how to order the final copy.

Thanks to those of you who responded to our previous requests to become a sponsor of the book.

N-ASCE*

SUICIDAL DEER SIGN SAVES LIVES



One reason rural routes are still the nation's deadliest roads is that deer populations have exploded. America has 100 times more white-tailed deer than it did a century ago, according to "Deerland: America's Hunt to

Ecological Balance and the Essence of Wilderness." In our area, we know this well as fall approaches and the risk of encountering deer on evening and night drives is often high. And we know who often loses in these encounters...

That translates to 30 million unpredictable, jumpy animals for drivers to hit. To keep that from happening, state and local highway agencies have blanketed roadsides with warnings. But they've become so common that after a while people stop noticing them. In Illinois, the Button Township Highway Department has taken a different tack.

Department Commissioner Ron Hillgoss received a photo of a different deer-warning sign from his nephew, who had noticed this sign in Colorado. He took the photo to a meeting with the Ford County Highway Department and asked if it could be considered. The County agreed, and four were planned to be placed, with the first erected at a location in Paxton, IL that had 33 deer-vehicle collisions in 2015. Hillgoss explained that he "didn't want anyone else to end up with a deer in their front passenger seat."

Since the sign went up in December, there have been no documented collisions. But, as Hillgoss predicted, the sign was stolen two months after it went up. It has not yet been replaced, but the Township is satisfied that the message was posted and has had the impact it has, which is that drivers are paying more attention to those suicidal deer.

Thanks to *Public Works Magazine* and Section Member **Dennis MacBride** for this information.

* N - ASCE - not always something concerning engineering...